



PRE-QUALIFICATIONS

DOMUS

AL KHALEEJ CEMENT PRODUCTS INDUSTRIEL LLC

2023

OUR MISSION

To provide the highest service standards to our clients through using quality productions and engineering solutions while employing the best resources and latest technology.

OUR VISION

We seek to distinguish ourselves by maintaining our leading position in block industry by producing the best quality product, increasing the customer base with affordable prices and a superior product.





HI THERE!

DOMUS Al Khaleej Cement Products Industries LLC is a 100% UAE locally owned company which is part of AYA group. Our vision is to recognize as the market leader in the management and execution of all our activities in the concrete solution and services industry. Along with our mission, as we are building tomorrow, we aim to provide high-quality products that combine performance with value while establishing a successful partnership with our customers and suppliers. Accordingly, DOMUS is set up to produce the base material to fuel the anticipated boom in the UAE and the region globally.

We are pleased to introduce our reputation in the industrial construction field, manufacturing curbstones, concrete and interlock tiles. IT owns and operates various production lines, and we manufacture quality assured blocks and interlocks for the construction industry.

Our primary ambition is to consolidate and cultivate confidence in the field of the construction industry by providing quality assured blocks. Our products ranges are Hollow Blocks, Solid Blocks, Hourdy Blocks, Insulated Blocks and Interlocks and Kerbstones in a variety of shapes and sizes

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CHAPTER ONE

COMPANY PROFILE

• Chapter One:-

- Company General Documents.
- Trade License.
- ADQCC Certificate.
- ISO Certificate..
- Other Licenses and Certificates.
- Organization Chart



ABOUT DOMUS

DOMUS AI Khaleej Cement Products Industries LLC is a 100% UAE locally-owned company which is part of the AYA group. Our vision is to recognize ourselves as the market leader in the management and execution of all our activities in the concrete solution and services industry. Along with our mission, as we are building tomorrow, we aim to provide high-quality products that combine performance with value while establishing a successful partnership with our customers and suppliers. Accordingly, DOMUS is set up to produce the base material to fuel the anticipated boom in the UAE and the region globally.

OUR VALUES



PERFORMANCE

We tend to provide high quality range of products and services.



QUALITY

We challenge ourselves to provide the more than the quality required



FUTURE AMBITION

Achieve the long-term growth and raise the return of share holders.



TEAM WORK AND INTEGRITY

To work together with the spirit of team work and provide the integrity to our clients and our shareholders.

DOMUS plant is equipped with the latest equipment available for quality control and continuous improvement of the products. The material or aggregates used in concrete manufacturing are highly recognized by companies and approved sources.

Aggregates in the plant are stock-filed by single material for the accuracy of a mixer. In addition to the well-equipped and furnished block machine, the company has highly qualified staff with long experience in cement block manufacturing dedicated to their work.

DOMUS maintain perfect teamwork to provide high quality as per their requirements of time for every time objective. We do keep a healthy construction environment that enables personnel to produce optional output. Usage of best raw materials and on-time delivery and quality checking at every stage.



INDUSTRIAL LICENSE

رخصة صناعية

License No	IN-1001882	رقم الرخصة	حالة الرخصة
License Status	Production	إنتاج	حالة الرخصة
Legal Form	Limited Liability Company	شركة ذات مسؤولية محدودة	الشكل القانوني
ADCCI No			عضوية الغرفة
First Issue Date	20/05/2009	تاريخ أول إصدار	رقم البيئي
Issue Date	20/05/2022	تاريخ الإصدار	السجل المركزي الموحد
Expiry Date	19/05/2025	تاريخ الإنتهاء	رقم الإسم التجاري
Trade Name	Domus Alkhaleej Cement Products Industries L.L.C.	دوميس الخليج لصناعة المواد الاسمنتية ذ.م.م	الإسم التجاري
Name	Abu Dhabi - Mussaffah - ICAD III - (03WR33b)		موقع المنشأة
Location			

Owner(s) Partner(s)

اسم صاحب المنشأة / الشركاء

#	الملاك / الشركاء Owners / Partners	الجنسية Nationality	الصلة Role	نسبة الشراكة Share (%)
1	شذى موسى عبد الله علي بن عرب Shta Mousa Abdulla Ali Bin Arab	الإمارات العربية المتحدة United Arab Emirates	شريك Partner	95.00 %
2	ربيع صالح بخيت خميس الصيعري Rubayea Saleh Bakhit Khamis Alseiari	الإمارات العربية المتحدة United Arab Emirates	شريك Partner	5.00 %

Activities

الأنشطة

#	النشاط	Activity
1	صناعة أصناف مسبقة الصب للبناء	1Construction Precast Articles Manufacturing
2	استرجاع المواد من مخلفات خطوط إنتاج المصنع	2Recovery of materials from factorys production lines waste

Products

المنتجات

#	المنتج	Product
1	أحجار الأرصفة	1 curbstones
2	طابوق إسمنتي	2Cement Blocks
3	بلاط متشابك	3Interlock Tiles
4	حصباء خرسانية (معاد تدويرها)	4Concrete Aggregate (Recycled)

الترخيص صادر من قبل سلطة الترخيص المحلية في إمارة أبوظبي خارج المناطق الحرة
The license is issued by the local licencing authority in the Emirate of Abu Dhabi outside the free zones

البريد الإلكتروني الرسمي info@domusblocks.com

رقم الهاتف المتحرك الرسمي 97125509666



تحقق
TAHAQAQ

الرقم الموحد : 255592
رقم الرخصة : IN-1001882



غرفة أبوظبي
ABU DHABI CHAMBER

شهادة العضوية
Membership Certificate

بناءً على قانون غرفة تجارة وصناعة أبوظبي رقم 27 لسنة 2005 وتعديلاته

من الجنسية الإمارات العربية المتحدة

فقد تم تسجيل: دوميس الخليج لصناعة المواد الاسمنتية ذ.م.م

لممارسة النشاط: صناعة أصناف خرسانية او اسمنتية او من الاحجار الصناعية المسبقة الصب للبناء

العنوان: ابوظبي-ابوظبي-شارع الامينية-دوميس الخليج لصناعة المواد الامنتية

جنسية الشركاء: الإمارات العربية المتحدة

الشكل القانوني: شركة ذات مسئولية محدودة

ويسري مفعولها حتى تاريخ: 16/5/2024

مستند صادر من غرفة أبوظبي-دولة الإمارات العربية المتحدة، ولمزيد
من التحقق الرجاء زيارة الرابط:
<https://digital.abudhabichamber.ae/Portal/#/certificate-validation>



محمد هلال المهيري

المدير العام

غرفة أبوظبي الرقمية
Abu Dhabi Digital Chamber



شهادة المطابقة

Certificate of Conformity

Certificate No.	QAD-2023.0938.01-IC	رقم الشهادة:
This certificate is issued for the product:	Interlocking Concrete Pavers	تم منح هذه الشهادة للمنتج:
Certificate Holder:	DOMUS AL KHALEEJ CEMENT PRODUCTS INDUSTRIES LLC	الخاص بشركة:
According to the requirements of:	Interlocking Concrete Pavers Scheme	وفقا للمتطلبات الخاصة ب:
Issued Date:	07 March 2023	تاريخ الإصدار:
Expiry Date:	06 March 2024	تاريخ انتهاء الصلاحية:



QAD-2023.0938.01-IC

This is an electronic certificate and does not require stamp
Visit our website to verify this certificate:
<https://jawdah.qcc.abudhabi.ae/en/pages/homepage.aspx>
Any changes or modification on this certificate will affect its validity

هذه الشهادة صدرت إلكترونياً ولا تحتاج إلى ختم
للتأكد من صحة هذه الشهادة يرجى زيارة موقع جودة الإكزوني:
<https://jawdah.qcc.abudhabi.ae/en/Pages/homepage.aspx>
أي كشط أو تغيير في هذه الشهادة يلغيها



علامة أبوظبي للثقة
Abu Dhabi Trust Mark

مجلس أبوظبي
للجودة والمطابقة
Abu Dhabi Quality &
Conformity Council



وثيقة المطابقة

Conformity Document

Certificate No:	QAD-2023.0938.01-IC	رقم الشهادة:
Expiry Date:	06 March 2024	تاريخ الإنتهاء:
Issuing Date:	07 March 2023	تاريخ الإصدار:
Conformity Scheme:	Interlocking Concrete Pavers Scheme	برنامج المطابقة:
Product:	Interlocking Concrete Pavers	المنتج:
DOMUS AL KHALEEJ CEMENT		
Name and Address of the Licensee:	PRODUCTS INDUSTRIES LLC P.O.Box No.54156,Plot No.03WR33B Mussafah Industrial area ICAD03, Abu Dhabi, UAE	اسم و عنوان صاحب الحق باستخدام العلامة:
DOMUS AL KHALEEJ CEMENT		
Name and Address of the Manufacturer and the Factory:	PRODUCTS INDUSTRIES LLC P.O.Box No.54156,Plot No.03WR33B Mussafah Industrial area ICAD03, Abu Dhabi, UAE	اسم وعنوان المصنع ومكان التصنيع:
Trademark / Brand Name:	DOMUS	العلامة التجارية / الاسم التجاري:



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للجودة والمطابقة
Abu Dhabi Quality &
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وثيقة المطابقة

Conformity Document

Certificate

QAD-2023.0938.01-IC

رقم الشهادة:

No: Expiry

06 March 2024

تاريخ الإنتهاء:

Date:

Model

Characteristics

Additional information

Interlocking Concrete Pavers

200*100*60, 200*100*80, 200*200*60, 200*200*80,
100*100*60, 100*100*80, Uni 60(225*113*60), Uni 80
(225*113*80)

Notes:



QAD-2023.0938.01-IC

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أي كشط أو تغيير في هذه الشهادة يلغيها



شهادة المطابقة

Certificate of Conformity

Certificate No.

QAD-2023.1233.01-RA

رقم الشهادة:

This certificate is
issued for the product:

Recycled Crushed Aggregates

تم منح هذه الشهادة للمنتج:

Certificate Holder:

DOMUS AL KHALEEJ CEMENT
PRODUCTS INDUSTRIES LLC

الخاص بشركة:

According to the
requirements of:

Recycled Crushed Aggregate
Certification Scheme

وفقا للمتطلبات الخاصة ب:

Issued Date:

07 July 2023

تاريخ الإصدار:

Expiry Date:

06 July 2024

تاريخ انتهاء الصلاحية:



QAD-2023.1233.01-RA

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Abu Dhabi Quality &
Conformity Council



وثيقة المطابقة

Conformity Document

Certificate No: QAD-2023.1233.01-RA

Expiry Date: 06 July 2024

Issuing Date: 07 July 2023

رقم الشهادة:

تاريخ الإنتهاء:

تاريخ الإصدار:

Conformity Recycled Crushed Aggregate

Scheme: Certification Scheme

برنامج المطابقة:

Product: Recycled Crushed Aggregates

المنتج:

DOMUS AL KHALEEJ CEMENT

Name and Address PRODUCTS INDUSTRIES LLC

of the Licensee: P.O.Box No.54156, Plot No.03WR33B
Mussafah Industrial area ICAD03, Abu

Dhabi, UAE

اسم و عنوان صاحب
الحق باستخدام العلامة:

DOMUS AL KHALEEJ CEMENT

Name and Address PRODUCTS INDUSTRIES LLC

of the Manufacturer P.O.Box No.54156, Plot No.03WR33B
and the Factory: Mussafah Industrial area ICAD03, Abu

Dhabi, UAE

اسم وعنوان المصنع
ومكان التصنيع:

Trademark /

Brand Name:

DOMUS

العلامة التجارية / الاسم
التجاري:



QAD-2023.1233.01-RA

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علامة أبوظبي للثقة
Abu Dhabi Trust Mark

مجلس أبوظبي
للجودة والمطابقة
Abu Dhabi Quality &
Conformity Council



وثيقة المطابقة

Conformity Document

Certificate No:

QAD-2023.1233.01-RA

رقم الشهادة:

Expiry Date:

06 July 2024

تاريخ الإنتهاء:

Model

Characteristics

Additional information

SUB BASE AND ROAD BASE

ASTM D2940, AASHTO T 96, AASHTO T 89 / ASTM D4318, AASHTO T 90 / ASTM D4318, AASHTO T 176, AASHTO T 193, AASHTO T 104, BS812, BS812

Notes:



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<https://jawdah.qcc.abudhabi.ae/en/Pages/homepage.aspx>

أي كشط أو تغيير في هذه الشهادة يلغيها



Certificate of Registration

DOMUS ALKHALEEJ CEMENT PRODUCTS INDUSTRIES LLC

P.O.BOX NO. 54156, PLOT NO. 03WR33B, MUSSAFAH INDUSTRIAL AREA,
ICAD 03, ABU DHABI, UAE

has been assessed and Certified by Otabu Global Services Pvt. Ltd.
as meeting the requirements of:

ISO 9001:2015 Quality Management System

For the following scope of activities:

**PROVISION OF CONSTRUCTION PRECAST ARTICLES, RECOVERY MATERIALS
FROM FACTORY'S PRODUCTION LINES WASTE**

Issue No :01
Date of Certification: 12 October 2021
1st Surveillance Due: 11 October 2022

Revision No () : NA
2nd Surveillance Due: 11 October 2023
Certificate Expiry: 11 October 2024
(subject to the company maintaining its system to the
required standard)

Certificate No:- 1012Q201921
To Verify this Certificate please visit at www.otabuglobal.com



Dr. Anita Gupta
(Managing Director)

Otabu Global Services Private Limited

Accredited by IAS (International Accreditation Service, Inc.)
(3060 Saturn Street, Suite 100, Brea, California 92821 U.S.A.)

Validity of this certificate is subject to annual surveillance audits done successfully
This Certificate Of Registration Remains The Property of Otabu Global Services Private Limited and Shall be Returned Immediately Upon Request
Email: info@otabuglobal.com / Website: www.otabuglobal.com



Certificate of Registration

This certificate is hereby granted to the organization

DOMUS ALKHALEEJ CEMENT PRODUCTS INDUSTRIES LLC

P.O. BOX NO. 54156, PLOT NO. 03WR33B, MUSSAFAH INDUSTRIAL AREA, ICAD 03, ABU DHABI, UAE

This has been certified that the management system of the above organization has been audited and found to be in compliance with the first quality certification requirements for registration of the management systems standard detailed below:

ISO 45001:2018

(Occupational Health & Safety Management Systems)

Scope of work

- Construction Precast Articles Manufacturing
- Recovery of Materials From Factory's Production Lines Waste

Certification Registration No: FQC/OH/0842/AE

Initial Issue Date: 08 SEPTEMBER 2021
1st Surveillance Due: 07 SEPTEMBER 2022

2ND Surveillance Due: 07 SEPTEMBER 2023
Certificate Expiry: 07 SEPTEMBER 2024
(subject to the company maintaining its system to the required standard)



201901-05

CERTIFIED



ISO 45001:2018

Chief Executive Officer



Certificate of Registration

This certificate is hereby granted to the organization

DOMUS ALKHALEEJ CEMENT PRODUCTS INDUSTRIES LLC

P.O. BOX NO. 54156, PLOT NO. 03WR33B, MUSSAFAH INDUSTRIAL AREA, ICAD 03, ABU DHABI, UAE

This has been certified that the management system of the above organization has been audited and found to be in compliance with the first quality certification requirements for registration of the management systems standard detailed below:

ISO 14001:2015

(Environmental Management Systems)

Scope of work

- Construction Precast Articles Manufacturing
- Recovery of Materials From Factory's Production Lines Waste

Certification Registration No: FQC/E/0841/AE

Initial Issue Date: 08 SEPTEMBER 2021

1st Surveillance Due: 07 SEPTEMBER 2022

2ND Surveillance Due: 07 SEPTEMBER 2023

Certificate Expiry: 07 SEPTEMBER 2024

(subject to the company maintaining its system to the required standard)



201901-05

CERTIFIED



ISO 14001:2015

Chief Executive Officer



HSE POLICY STATEMENT

We DOMUS ALKHALEEJ CEMENT PRODUCTS INDUSTRIES LLC will ensure that possible efforts will be made in the interest of accident prevention in our office, work sites & camps. We do realize that it is a good business practice to guard against accidents and occupational diseases. Preventing accidents will reduce the associated cost and increase the morale of the employees, which is an intangible benefit to our organization. DOMUS ALKHALEEJ CEMENT PRODUCTS INDUSTRIES LLC HSE programs combine clear leadership by management and the engage of all employees involved in its business activity. To sustain HSE excellent, we are committed to:

- Maintain work equipment in a safe state and provide both safe systems of work and a safe working environment for employees and all who work on our behalf.
- Strive to prevent any injury, illness, environmental pollution or exposures which could cause harm to people and damage to properties.
- Make every effort to protect the environment, prevent pollution, minimize consumption of materials, promote reuse and recycling of wastes and adopt best practice on waste management
- Legal compliance with all relevant HSE legal laws, other regulatory requirements & ensure that our services meet the needs and expectations of our customers & ensure the safety and welfare of our staff and the protection of our assets & ensure the prevention of any impact on the environment resulting from our actions.
- Identify the hazards (the potential for harm), assess the risks (the likelihood of that harm being realized) and manage those risks & strive to achieve continual improvement through implementation and review of the HSE management system and related performance.
- Provide adequate training and information programs to our employees & enhance of employee health and wellbeing preventing accidents and cases of work-related ill-health & periodically audit and review the suitability, adequacy and effectiveness of the HSEMS & Policy will be reviewed periodically and available for employee and public.

Our commitments to ensure above mentioned HSE aspects will be achieved by:

- Establishing and maintaining a documented HSEMS. Ensuring procedures, program and guidelines are in place to support the HSEMS & providing the necessary HSE resources for the implementation of the Management System.
- Communicating the Company's HSE policy and Objectives to relevant interested parties including its employees, stake holder and clients.
- Setting, monitoring and reviewing HSE targets and objectives & Complying with HSE Policy & Authorizing and approving the Policy by Top Management.



GENERAL MANAGER

Date:



Quality Policy Statement

All **DOMUS ALKHALEEJ CEMENT PRODUCTS INDUSTRIES LLC** employees are guided by **DOMUS ALKHALEEJ CEMENT PRODUCTS INDUSTRIES LLC** Quality Policy in all decisions and actions on daily basis. Our goal is to provide the following:

- * A product and service solution which meets our customer's expectation.
- * A highly trustworthy and ethical work environment that provides long-term employment, development, and growth for all employees.
- * Continual improvement in all that we perform.

The **DOMUS ALKHALEEJ CEMENT PRODUCTS INDUSTRIES LLC** management realizes that success in the future depends upon achieving these goals by:

- * Promoting a work ethic which is predicated upon quality.
- * Providing all employees with the training and tools necessary to perform their job in the most efficient and effective manner possible.
- * Providing the necessary resources and personal support required for successful implementation of ISO 9001:2015 Quality Management System and Quality Objectives.

DOMUS ALKHALEEJ CEMENT PRODUCTS INDUSTRIES LLC will not compromise the integrity of our services in an attempt to satisfy short-term goals. We are committed to long term growth, profitability and employment for our personnel and will achieve this by utilizing a business approach that takes into account the needs of all our stakeholders (e.g. employees, partners, suppliers, customers and the environment) and which encompasses an attitude of "Quality First".

GENERAL MANAGER

Date:





نموذج اعتماد مواد

Material Approval Form

Application 202302350454

Version: 2

Date: 2023-06-22

No: Project

بيانات المشروع

أعمال الصيانة والترميمات للطرق الداخلية والأصول في منطقة البر الرئيسي - جنوب
Project MAINTENANCE WORKS FOR INTERNAL ROADS AND ADM
ASSETS IN MAINLAND SOUTH

اسم المشروع

Name

6312011604

رقم العقد

Contract

اسم المقاول

No

تطوير الشرق الاوسط وافريقيا ذ.م.م
.TATWEER MIDDLE EAST AND AFRICA L.L.C

اسم الاستشاري

Contracto
Client

دائرة البلديات والنقل - بلدية مدينة أبوظبي
DEPARTMENT OF MUNICIPALITIES AND TRANSPORT-
DHABI CITY MUNICIPALTY

اسم العميل

Consultan

Material Details

تفاصيل المادة

Material Type

مواد مدنية

نوع المادة

.STANDARD CON SPECS

Spec. Ref.

PART1-ROADS CHAPTER 7: INCIDENTAL
CONSTRUCTIO
Interlocking 7.9

الرقم المرجعي للمواصفات

BOQ Ref

BOQ 2019 Item No. 5.027a, 5.028, 5.031 & 5.034

المرجع
جدول

الرقم
لقائمة

Material

Interlocking Tiles 60 & 80 mm

الكميات

Description
(One/make,
model
etc)

Alternative

وصف المادة (نوع

For Pedestrian Works

Intended Usage

Domus Al khaleej Cement Products Industrial LLC

المادة

Manufacturer/

Domus Al khaleej Cement Products Industrial LLC

مصنعة من

Domus Al khaleej Cement Products Industrial LLC

الغرض من

Source م ذ م

شركة انجاز الوطنية للمشاريع العامة - شركة الشخص الواحد ذ م

الاستخدام

Sub-Contractor
Supplier/Applica

INJAZ NATIONAL GENERAL ENTERPRISES - SOLE
.PROPRIETORSHIP L.L.C

المقاول الفرعي
المصدر / المصنع

tor

المورد / المطبق





Conditions

الشروط

- 1) This approval is only for the material aspects of above Precast Interlocking Concrete Paving Blocks (100*200*80) & (100*200*60) as per required project specification and contract/ approved drawings and according to latest ADM/ Abu Dhabi Tiling strategy. The approved pigment if required is from Procter Johnson, UK and LANXESS, GERMANY.
- 2) This is NOT an approval of the architectural/aesthetic aspects such as Colors, dimensions, patterns, finish, chamfered or non-chamfered edges, etc. all of which shall be as per project documents, project requirements and in compliance with the latest ADM/ Abu Dhabi Tiling strategy as applicable.
- 3) Upon delivery to site and prior to installation, the consultant shall perform satisfactory inspection and collect random samples from each type of pavers for testing at Abu Dhabi QCC Lab and/or accredited third-party lab to confirm that all parameters of the material Complies with the required project specifications. Frequency of routine QA/QC testing shall be as per approved ITP.
- 4) The original 10-years performance guarantee against de-lamination and color fading as per ADM requirements shall be submitted to the concerned ADM asset management team at time of handover.
- 5) Note: The supervision consultant is fully responsible to ensure that the necessary ADM "Design Approvals" for the project have already been obtained through the Smart Hub (IDAS) system, prior to submission of Material Approval requests during the construction phase.

Final	Approved	التوصية
Recommendation:	ایمان خمیس عبدالله خمیس الحمادی	النهائية:
Technical		المراجع
Reviewer: project consultant and contractor shall be fully responsible for approving the materials from the approved list, and their conformity with the standard specifications and project contractual documents.	المشروع المسؤولة الكاملة عن القائمة المعتمدة، ومطابقتها للمواصفات القياسية ومطابقتها للمواصفات القياسية.	المشروع التعاقدية.
2. The project consultant and contractor must carry out all quality assurance and control procedures for the material supplied for the project	2. يجب على استشاري ومقاول المشروع القيام بجميع إجراءات ضمان وضبط الجودة للمادة الموردة للمشروع.	



QUALITY CONTROL PROCEDURE

Product Control

Sr.No	Production	Inspection / Test	Standard	Frequency
1	Finished Product	Visual Inspection	BS EN 1338 Annex J	Daily
		Dimensions	BS EN 1338 Annex C	Daily
		Compressive Strength	BS 6717 Part 1 Annex B	Daily
		Water Absorption	BS EN 1338 Annex C	Daily
		Density	ASTM C 140	Daily
		Preparing the samples for the independent laboratory test	BS 6717	*6 Months interval & or projects specifications (Frequency), Doubtful conditions.
2	Marking	Visual Checking	BS EN 1338 CI 7	Daily
3	Loading	Visual Checking		Daily

* Sample to be submitted to Independent Testing Laboratory.

DETERMINATION OF WATER ABSORPTION, BULK DENSITY AND BULK/APPEARANT DENSITY RATIO
OF PRECAST CONCRETE PAVING BLOCKS

Page No. 01 of 01

ISTL Customer : Domus Al Khaleej Cement Products Industries

Report No. : ISTL-121022-028 /01

Information Provided by Customer

Client : Domus Al Khaleej Cement Products Industries
Consultant : Not Provided
Contractor : Not Provided
Project Name : Internal Quality Checking
Project No. : Not Provided
Project Location : Abu Dhabi ICAD 3
Sample Description : Interlocking Concrete Pavers
Source of Sample : Concrete Pavers
Production Date : Not Provided
Sampling Certificate No. : Not Provided
Sampling Location : Domus Stock Yard
Sender Reference No. : Not Provided
Client Reference No. : Not Provided
Sampled by : Not Provided
Sampling Date : 19/09/2022
Lot No. / Lot Size : Not Provided

Laboratory Information

Lab Reference No. : ISTL-121022-028
Lab Project No. : ISTL-C-882
Lab Sample No. : ISTL-121022-028
Sample Brought by : Client Rep.
Sample Received Date : 12/10/2022
Colour of sample : Not Provided
Work Size, mm : 200x100x80
No. of specimen tested : 5
Date Test Started : 15/10/2022
Date Test Completed : 18/10/2022
Date Reported : 18/10/2022
Tested By : VSN
Sampling Method : ASTM C140/C140M-21 Cls.5
Test Method : ASTM C140/C140M-21 Cls.8
Immersion Period : 48 hrs.

TEST RESULTS

Lab Specimen No.	1	2	3	4	5
Bundle No.	NP	NP	NP	NP	NP
Immersed Weight, kg	2.203	2.19	2.208	2.200	2.207
Saturated Weight, kg	3.699	3.702	3.708	3.71	3.716
Oven Dry Weight, kg	3.605	3.598	3.614	3.609	3.622
Water Absorption, %	2.6	2.9	2.6	2.8	2.6
Bulk Density, kg/m ³	2410	2380	2410	2390	2400
Apparent Density, kg/m ³	2570	2560	2570	2560	2560
Bulk/Apparent Density Ratio	0.94	0.93	0.94	0.93	0.94

Average Water Absorption (%)	:	2.7
Average Bulk Density (kg/m ³)	:	2400
Minimum Bulk Density (kg/m ³)	:	2380
Average Bulk/Apparent Density Ratio	:	0.94
Minimum Bulk/Apparent Density Ratio	:	0.93

Test Method Variation : Specimens were immersed in water for 48hrs.
Remarks : Specimen immersion period in water as per ADQCC Specification (Standard construction specification Part 1, Chapter 7)
: This test is accredited by ENAS

Signed for and on behalf of Independent Soil Testing Laboratories LLC.

Rajakumar. T
Laboratory Manager

Results relate only to the item tested.
This report shall not be reproduced except in full, without the written approval of the laboratory.
All sample received conforms with acceptable environmental conditions.



DETERMINATION OF COMPRESSIVE STRENGTH OF
PRECAST CONCRETE PAVING BLOCKS

Page No. 01 of 01

ISTL Customer : Domus Al Khaleej Cement Products Industries

Report No. : ISTL-121022-028 /02

Information Provided by Customer

Client : Domus Al Khaleej Cement Products Industries
Consultant : Not Provided
Contractor : Not Provided
Project Name : Internal Quality Checking
Project No. : Not Provided
Project Location : Abu Dhabi ICAD 3
Sample Description : Interlocking Concrete Pavers
Source of Sample : Concrete Pavers
Production Date : Not Provided
Sampling Certificate No. : Not Provided
Sampling Location : Domus Stock Yard
Sender Reference No. : Not Provided
Client Reference No. : Not Provided
Sampled by : Not Provided
Sampling Date : 19/09/2022
Lot No. / Lot Size : Not Provided

Laboratory Information

Lab Reference No. : ISTL-121022-028
Lab Project No. : ISTL-C-882
Lab Sample No. : ISTL-121022-028
Sample Brought by : Client Rep.
Sample Received Date : 12/10/2022
Colour of sample : Not Provided
Work Size, mm : 200x100x80
No. of specimen tested : 10
Date Test Started : 15/10/2022
Date Test Completed : 17/10/2022
Date Reported : 18/10/2022
Tested By : VSN
Sampling Method : BS 6717 Part 1 : 1993 Cls.12
Test Method : BS 6717 Part 1 : 1993 Annex B
Correction factor used : 1.18
Plan Area (mm²) : 20000

TEST RESULTS

Lab Specimen No.	Bundle No.	Max. Load (kN)	Crushing Strength N/mm ²	Corrected Crushing Strength N/mm ²
1	NP	1002	50.1	59.1
2	NP	990	49.5	58.4
3	NP	1024	51.2	60.4
4	NP	1006	50.3	59.4
5	NP	978	48.9	57.7
6	NP	998	49.9	58.9
7	NP	1048	52.4	61.8
8	NP	1062	53.1	62.7
9	NP	1018	50.9	60.1
10	NP	1028	51.4	60.7

Average Compressive Strength (N/mm²) : 60

Minimum Compressive Strength (N/mm²) : 58

Test Method Variation : Specimens were immersed in water for 48hrs.
Remarks : Specimen immersion period in water as per ADQCC Specification (Standard construction specification Part 1, Chapter 7)
: This test is accredited by ENAS

Signed for and on behalf of Independent Soil Testing Laboratories LLC.

Rajakumar. T
Laboratory Manager

Results relate only to the item tested.
This report shall not be reproduced except in full, without the written approval of the laboratory.
All sample received conforms with acceptable environmental conditions.



CO-RS-010B
Rev-00/Jan 19

DETERMINATION OF ABRASION RESISTANCE OF
PRECAST CONCRETE PAVING BLOCKS

Page No. 01 of 01

ISTL Customer : Domus Al Khaleej Cement Products Industries

Report No. : ISTL-121022-028 /03

Information Provided by Customer

Client : Domus Al Khaleej Cement Products Industries
Consultant : Not Provided
Contractor : Not Provided
Project Name : Internal Quality Checking
Project No. : Not Provided
Project Location : Abu Dhabi ICAD 3
Sample Description : Interlocking Concrete Pavers
Source of Sample : Concrete Pavers
Production Date : Not Provided
Sampling Certificate No. : Not Provided
Sampling Location : Domus Stock Yard
Sender Reference No. : Not Provided
Client Reference No. : Not Provided
Sampled by : Not Provided
Sampling Date : 19/09/2022
Lot No. / Lot Size : Not Provided

Laboratory Information

Lab Reference No. : ISTL-121022-028
Lab Project No. : ISTL-C-882
Lab Sample No. : ISTL-121022-028
Sample Brought by : Client Rep.
Sample Received Date : 12/10/2022
Colour of sample : Not Provided
Work Size, mm : 200x100x80
No. of specimen tested : 5
Date Test Started : 17/10/2022
Date Test Completed : 18/10/2022
Date Reported : 18/10/2022
Tested By : VSN
Sampling Method : Random
Test Method : ASTM C418-20
Test condition : Saturated
Abrasive Material : Silica Sand

TEST RESULTS

Lab Specimen No.	1	2	3	4	5
Bundle No.	NP	NP	NP	NP	NP
Thickness Loss, mm	2.2	1.8	2.2	1.8	2.1
Abrasion Coefficient Loss, cm ³ /cm ²	0.22	0.18	0.22	0.18	0.21
Average Abrasion Coefficient Loss, cm ³ /cm ²	0.20				

Test Parameter	Result	ADQCC Specification Limit (Standard construction specification Part 1, Chapter 7)
Average Thickness Loss	2.0 mm	< 3mm
Volume Loss	100 mm ³ per 500mm ²	Maximum 150 mm ³ per 500mm ²

Test Method Variation : None

Remarks : This test is accredited by ENAS

Signed for and on behalf of Independent Soil Testing Laboratories LLC.

Rajakumar. T
Laboratory Manager

Results relate only to the item tested.

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All sample received conforms with acceptable environmental conditions.



CO-RS-080
Rev-03/Nov 20

DETERMINATION OF FLEXURAL STRENGTH OF
PRECAST CONCRETE PAVING BLOCKS

Page No. 01 of 01

ISTL Customer : Domus Al Khaleej Cement Products Industries

Report No. : ISTL-121022-028 /04

Information Provided by Customer

Client : Domus Al Khaleej Cement Products Industries
Consultant : Not Provided
Contractor : Not Provided
Project Name : Internal Quality Checking
Project No. : Not Provided
Project Location : Abu Dhabi ICAD 3
Sample Description : Interlocking Concrete Pavers
Source of Sample : Concrete Pavers
Production Date : Not Provided
Sampling Certificate No. : Not Provided
Sampling Location : Domus Stock Yard
Sender Reference No. : Not Provided
Client Reference No. : Not Provided
Sampled by : Not Provided
Sampling Date : 19/09/2022
Lot No. / Lot Size : Not Provided

Laboratory Information

Lab Reference No. : ISTL-121022-028
Lab Project No. : ISTL-C-882
Lab Sample No. : ISTL-121022-028
Sample Brought by : Client Rep.
Sample Received Date : 12/10/2022
Colour of sample : Not Provided
Work Size, mm : 200x100x80
No. of specimen tested : 5
Date Test Started : 15/10/2022
Date Test Completed : 15/10/2022
Date Reported : 18/10/2022
Tested By : VSN
Sampling Method : Random
Test Method : ASTM C293/C293M-16
Test condition : Dry

TEST RESULTS

Lab Specimen No.	1	2	3	4	5
Bundle No.	NP	NP	NP	NP	NP
Average Width, mm	100	100	100	100	100
Average Depth, mm	80	80	80	80	80
Span Length, mm	150				
Maximum Applied Load, N	18499	20055	18347	19345	20478
Flexural Strength, MPa	6.50	7.05	6.45	6.80	7.20

Average Flexural Strength (MPa)	:	6.80
Minimum Flexural Strength (MPa)	:	6.45

Test Method Variation : None

Remarks : This test is accredited by ENAS

Signed for and on behalf of Independent Soil Testing Laboratories LLC.

Rajakumar. T
Laboratory Manager



Results relate only to the item tested.
This report shall not be reproduced except in full, without the written approval of the laboratory.
All sample received conforms with acceptable environmental conditions.

CO-RS-084
REv-00/Jan 19



DETERMINATION OF RESISTANCE TO SALT ATTACK OF
PRECAST CONCRETE PAVING BLOCKS

Page No. 01 of 01

ISTL Customer : Domus Al Khaleej Cement Products Industries

Report No. : ISTL-121022-028 /05

Information Provided by Customer

Client : Domus Al Khaleej Cement Products Industries
Consultant : Not Provided
Contractor : Not Provided
Project Name : Internal Quality Checking
Project No. : Not Provided
Project Location : Abu Dhabi ICAD 3
Sample Description : Interlocking Concrete Pavers
Source of Sample : Concrete Pavers
Production Date : Not Provided
Sampling Certificate No. : Not Provided
Sampling Location : Domus Stock Yard
Sender Reference No. : Not Provided
Client Reference No. : Not Provided
Sampled by : Not Provided
Sampling Date : 19/09/2022
Lot No. / Lot Size : Not Provided

Laboratory Information

Lab Reference No. : ISTL-121022-028
Lab Project No. : ISTL-C-882
Lab Sample No. : ISTL-121022-028
Sample Brought by : Client Rep.
Sample Received Date : 12/10/2022
Colour of sample : Not Provided
Work Size, mm : 200x100x80
No. of specimen tested : 5
Date Test Started : 14/10/2022
Date Test Completed : 09/11/2022
Date Reported : 09/11/2022
Tested By : VSN
Sampling Method : AS/NZS 4456.10:2003 Cls.6.2.2
Test Method : AS/NZS 4456.10:2003 Method B
No of cycles tested : 40
Test face : Face exposed to pavement

TEST RESULTS

Lab Specimen No.	1	2	3	4	5
Bundle No.	NP	NP	NP	NP	NP
Total Mass Loss (Sodium Sulphate), % by mass	0.7	0.6	0.6	0.6	0.6
Total Mass Loss (Sodium Chloride), % by mass	0.2	0.3	0.2	0.2	0.3


Average Total Mass Loss (Sodium Sulphate), % by mass : 0.6

Average Total Mass Loss (Sodium Chloride), % by mass : 0.2

Test Method Variation : Total mass loss reported in percentage by mass

Remarks : This test is accredited by ENAS

Signed for and on behalf of Independent Soil Testing Laboratories LLC.


Rajakumar. T
Laboratory Manager



Results relate only to the item tested.
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All sample received conforms with acceptable environmental conditions.

CH-RS-021
Rev-01/Oct 20

DETERMINATION OF WATER ABSORPTION, BULK DENSITY AND BULK/APPEARANT DENSITY RATIO
OF PRECAST CONCRETE PAVING BLOCKS

Page No. 01 of 01

ISTL Customer : Domus Al Khaleej Cement Products Industries

Report No. : ISTL-121022-029 /01

Information Provided by Customer

Client : Domus Al Khaleej Cement Products Industries
Consultant : Not Provided
Contractor : Not Provided
Project Name : Internal Quality Checking
Project No. : Not Provided
Project Location : Abu Dhabi ICAD 3
Sample Description : Interlocking Concrete Pavers
Source of Sample : Concrete Pavers
Production Date : Not Provided
Sampling Certificate No. : Not Provided
Sampling Location : Domus Stock Yard
Sender Reference No. : Not Provided
Client Reference No. : Not Provided
Sampled by : Not Provided
Sampling Date : 19/09/2022
Lot No. / Lot Size : Not Provided

Laboratory Information

Lab Reference No. : ISTL-121022-029
Lab Project No. : ISTL-C-882
Lab Sample No. : ISTL-121022-029
Sample Brought by : Client Rep.
Sample Received Date : 12/10/2022
Colour of sample : Not Provided
Work Size, mm : 200x200x60
No. of specimen tested : 5
Date Test Started : 15/10/2022
Date Test Completed : 18/10/2022
Date Reported : 18/10/2022
Tested By : VSN
Sampling Method : ASTM C140/C140M-21 Cls.5
Test Method : ASTM C140/C140M-21 Cls.8
Immersion Period : 48 hrs.

TEST RESULTS

Lab Specimen No.	1	2	3	4	5
Bundle No.	NP	NP	NP	NP	NP
Immersed Weight, kg	3.522	3.581	3.526	3.535	3.543
Saturated Weight, kg	5.952	6.013	5.933	5.952	5.974
Oven Dry Weight, kg	5.784	5.861	5.777	5.801	5.811
Water Absorption, %	2.9	2.6	2.7	2.6	2.8
Bulk Density, kg/m ³	2380	2410	2400	2400	2390
Apparent Density, kg/m ³	2560	2570	2570	2560	2560
Bulk/Apparent Density Ratio	0.93	0.94	0.93	0.94	0.93

Average Water Absorption (%)	:	2.7
Average Bulk Density (kg/m ³)	:	2400
Minimum Bulk Density (kg/m ³)	:	2380
Average Bulk/Apparent Density Ratio	:	0.93
Minimum Bulk/Apparent Density Ratio	:	0.93

Test Method Variation : Specimens were immersed in water for 48hrs.
Remarks : Specimen immersion period in water as per ADQCC Specification (Standard construction specification Part 1, Chapter 7)
: This test is accredited by ENAS

Signed for and on behalf of Independent Soil Testing Laboratories LLC.

Rajakumar. T
Laboratory Manager

Results relate only to the item tested.
This report shall not be reproduced except in full, without the written approval of the laboratory.
All sample received conforms with acceptable environmental conditions.



CO-RS-126
Rev-01/Sept 20

DETERMINATION OF COMPRESSIVE STRENGTH OF PRECAST CONCRETE PAVING BLOCKS

Page No. 01 of 01

ISTL Customer : Domus Al Khaleej Cement Products Industries

Report No. : ISTL-121022-029 /02

Information Provided by Customer

Client : Domus Al Khaleej Cement Products Industries
 Consultant : Not Provided
 Contractor : Not Provided
 Project Name : Internal Quality Checking
 Project No. : Not Provided
 Project Location : Abu Dhabi ICAD 3
 Sample Description : Interlocking Concrete Pavers
 Source of Sample : Concrete Pavers
 Production Date : Not Provided
 Sampling Certificate No. : Not Provided
 Sampling Location : Domus Stock Yard
 Sender Reference No. : Not Provided
 Client Reference No. : Not Provided
 Sampled by : Not Provided
 Sampling Date : 19/09/2022
 Lot No. / Lot Size : Not Provided

Laboratory Information

Lab Reference No. : ISTL-121022-029
 Lab Project No. : ISTL-C-882
 Lab Sample No. : ISTL-121022-029
 Sample Brought by : Client Rep.
 Sample Received Date : 12/10/2022
 Colour of sample : Not Provided
 Work Size, mm : 200x200x60
 No. of specimen tested : 10
 Date Test Started : 15/10/2022
 Date Test Completed : 17/10/2022
 Date Reported : 18/10/2022
 Tested By : VSN
 Sampling Method : BS 6717 Part 1 : 1993 Cls.12
 Test Method : BS 6717 Part 1 : 1993 Annex B
 Correction factor used : 1.06
 Plan Area (mm²) : 20000

TEST RESULTS

Lab Specimen No.	Bundle No.	Max. Load (kN)	Crushing Strength N/mm ²	Corrected Crushing Strength N/mm ²
1	NP	1082	54.1	57.3
2	NP	1202	60.1	63.7
3	NP	1056	52.8	56.0
4	NP	1084	54.2	57.5
5	NP	1102	55.1	58.4
6	NP	1076	53.8	57.0
7	NP	1070	53.5	56.7
8	NP	1088	54.4	57.7
9	NP	1106	55.3	58.6
10	NP	1092	54.6	57.9

Average Compressive Strength (N/mm²) : 58

Minimum Compressive Strength (N/mm²) : 56

Test Method Variation : Specimens were immersed in water for 48hrs.
 Remarks : Specimen immersion period in water as per ADQCC Specification (Standard construction specification Part 1, Chapter 7)
 : This test is accredited by ENAS

Signed for and on behalf of Independent Soil Testing Laboratories LLC.

Rajakumar. T
 Laboratory Manager

Results relate only to the item tested.
 This report shall not be reproduced except in full, without the written approval of the laboratory.
 All sample received conforms with acceptable environmental conditions.



CO-RS-010B
 Rev-00/Jan 19

DETERMINATION OF ABRASION RESISTANCE OF
PRECAST CONCRETE PAVING BLOCKS

Page No. 01 of 01

ISTL Customer : Domus Al Khaleej Cement Products Industries

Report No. : ISTL-121022-029 /03

Information Provided by Customer

Laboratory Information

Client : Domus Al Khaleej Cement Products Industries
Consultant : Not Provided
Contractor : Not Provided
Project Name : Internal Quality Checking
Project No. : Not Provided
Project Location : Abu Dhabi ICAD 3
Sample Description : Interlocking Concrete Pavers
Source of Sample : Concrete Pavers
Production Date : Not Provided
Sampling Certificate No. : Not Provided
Sampling Location : Domus Stock Yard
Sender Reference No. : Not Provided
Client Reference No. : Not Provided
Sampled by : Not Provided
Sampling Date : 19/09/2022
Lot No. / Lot Size : Not Provided

Lab Reference No. : ISTL-121022-029
Lab Project No. : ISTL-C-882
Lab Sample No. : ISTL-121022-029
Sample Brought by : Client Rep.
Sample Received Date : 12/10/2022
Colour of sample : Not Provided
Work Size, mm : 200x200x60
No. of specimen tested : 5
Date Test Started : 17/10/2022
Date Test Completed : 18/10/2022
Date Reported : 18/10/2022
Tested By : VSN
Sampling Method : Random
Test Method : ASTM C418-20
Test condition : Saturated
Abrasive Material : Silica Sand

TEST RESULTS

Lab Specimen No.	1	2	3	4	5
Bundle No.	NP	NP	NP	NP	NP
Thickness Loss, mm	2.0	2.1	2.0	1.7	2.3
Abrasion Coefficient Loss, cm ³ /cm ²	0.2	0.21	0.2	0.17	0.23
Average Abrasion Coefficient Loss, cm ³ /cm ²	0.20				

Test Parameter	Result	ADQCC Specification Limit (Standard construction specification Part 1, Chapter 7)
Average Thickness Loss	2.0 mm	< 3mm
Volume Loss	100 mm ³ per 500mm ²	Maximum 150 mm ³ per 500mm ²

Test Method Variation : None

Remarks : This test is accredited by ENAS

Signed for and on behalf of Independent Soil Testing Laboratories LLC.

Rajakumar. T
Laboratory Manager

Results relate only to the item tested.

This report shall not be reproduced except in full, without the written approval of the laboratory.
All sample received conforms with acceptable environmental conditions.



CO-RS-080
Rev-03/Nov 20

DETERMINATION OF FLEXURAL STRENGTH OF
PRECAST CONCRETE PAVING BLOCKS

Page No. 01 of 01

ISTL Customer : Domus Al Khaleej Cement Products Industries

Report No. : ISTL-121022-029 /04

Information Provided by Customer

Client : Domus Al Khaleej Cement Products Industries
 Consultant : Not Provided
 Contractor : Not Provided
 Project Name : Internal Quality Checking
 Project No. : Not Provided
 Project Location : Abu Dhabi ICAD 3
 Sample Description : Interlocking Concrete Pavers
 Source of Sample : Concrete Pavers
 Production Date : Not Provided
 Sampling Certificate No. : Not Provided
 Sampling Location : Domus Stock Yard
 Sender Reference No. : Not Provided
 Client Reference No. : Not Provided
 Sampled by : Not Provided
 Sampling Date : 19/09/2022
 Lot No. / Lot Size : Not Provided

Laboratory Information

Lab Reference No. : ISTL-121022-029
 Lab Project No. : ISTL-C-882
 Lab Sample No. : ISTL-121022-029
 Sample Brought by : Client Rep.
 Sample Received Date : 12/10/2022
 Colour of sample : Not Provided
 Work Size, mm : 200x200x60
 No. of specimen tested : 5
 Date Test Started : 15/10/2022
 Date Test Completed : 15/10/2022
 Date Reported : 18/10/2022
 Tested By : VSN
 Sampling Method : Random
 Test Method : ASTM C293/C293M-16
 Test condition : Dry

TEST RESULTS

Lab Specimen No.		1	2	3	4	5
Bundle No.		NP	NP	NP	NP	NP
Average Width,	mm	200	200	200	200	200
Average Depth,	mm	60	60	60	60	60
Span Length,	mm	150				
Maximum Applied Load,	N	20812	22418	23058	21120	21555
Flexural Strength,	MPa	6.50	7.00	7.20	6.60	6.75

Average Flexural Strength (MPa)	:	6.80
Minimum Flexural Strength (MPa)	:	6.50

Test Method Variation : None
 Remarks : This test is accredited by ENAS
 Signed for and on behalf of Independent Soil Testing Laboratories LLC.

Rajakumar. T
 Laboratory Manager



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 All sample received conforms with acceptable environmental conditions.



DETERMINATION OF RESISTANCE TO SALT ATTACK OF
PRECAST CONCRETE PAVING BLOCKS

Page No. 01 of 01

ISTL Customer : Domus Al Khaleej Cement Products Industries

Report No. : ISTL-121022-029 /05

Information Provided by Customer

Laboratory Information

Client : Domus Al Khaleej Cement Products Industries
 Consultant : Not Provided
 Contractor : Not Provided
 Project Name : Internal Quality Checking
 Project No. : Not Provided
 Project Location : Abu Dhabi ICAD 3
 Sample Description : Interlocking Concrete Pavers
 Source of Sample : Concrete Pavers
 Production Date : Not Provided
 Sampling Certificate No. : Not Provided
 Sampling Location : Domus Stock Yard
 Sender Reference No. : Not Provided
 Client Reference No. : Not Provided
 Sampled by : Not Provided
 Sampling Date : 19/09/2022
 Lot No. / Lot Size : Not Provided

Lab Reference No. : ISTL-121022-029
 Lab Project No. : ISTL-C-882
 Lab Sample No. : ISTL-121022-029
 Sample Brought by : Client Rep.
 Sample Received Date : 12/10/2022
 Colour of sample : Not Provided
 Work Size, mm : 200x200x60
 No. of specimen tested : 5
 Date Test Started : 14/10/2022
 Date Test Completed : 09/11/2022
 Date Reported : 09/11/2022
 Tested By : VSN
 Sampling Method : AS/NZS 4456.10:2003 Cls.6.2.2
 Test Method : AS/NZS 4456.10:2003 Method B
 No of cycles tested : 40
 Test face : Face exposed to pavement

TEST RESULTS

Lab Specimen No.	1	2	3	4	5
Bundle No.	NP	NP	NP	NP	NP
Total Mass Loss (Sodium Sulphate), % by mass	0.6	0.6	0.7	0.6	0.6
Total Mass Loss (Sodium Chloride), % by mass	0.2	0.3	0.2	0.3	0.3

Average Total Mass Loss (Sodium Sulphate), % by mass	: 0.6
Average Total Mass Loss (Sodium Chloride), % by mass	: 0.3

Test Method Variation : Total mass loss reported in percentage by mass

Remarks : This test is accredited by ENAS

Signed for and on behalf of Independent Soil Testing Laboratories LLC.

Rajakumar. T
Laboratory Manager



Results relate only to the item tested.

This report shall not be reproduced except in full, without the written approval of the laboratory.
 All sample received conforms with acceptable environmental conditions.

CH-RS-021
Rev-01/Oct 20

DETERMINATION OF COMPRESSIVE STRENGTH OF
PRECAST CONCRETE PAVING BLOCKS

Page No. 01 of 01

ISTL Customer : Domus Al Khaleej Cement Products Industries

Report No. : ISTL-121022-032 /02

Information Provided by Customer

Client : Domus Al Khaleej Cement Products Industries
Consultant : Not Provided
Contractor : Not Provided
Project Name : Internal Quality Checking
Project No. : Not Provided
Project Location : Abu Dhabi ICAD 3
Sample Description : Interlocking Concrete Pavers (UNI Ship)
Source of Sample : Concrete Pavers
Production Date : Not Provided
Sampling Certificate No. : Not Provided
Sampling Location : Domus Stock Yard
Sender Reference No. : Not Provided
Client Reference No. : Not Provided
Sampled by : Not Provided
Sampling Date : 19/09/2022
Lot No. / Lot Size : Not Provided

Laboratory Information

Lab Reference No. : ISTL-121022-032
Lab Project No. : ISTL-C-882
Lab Sample No. : ISTL-121022-032
Sample Brought by : Client Rep.
Sample Received Date : 12/10/2022
Colour of sample : Not Provided
Work Size, mm : 80
No. of specimen tested : 10
Date Test Started : 15/10/2022
Date Test Completed : 17/10/2022
Date Reported : 16/10/2022
Tested By : VSN
Sampling Method : BS 6717 Part 1 : 1993 Cls.12
Test Method : BS 6717 Part 1 : 1993 Annex B
Correction factor used : 1.18
Plan Area (mm²) : 23056

TEST RESULTS

Lab Specimen No.	Bundle No.	Max. Load (kN)	Crushing Strength N/mm ²	Corrected Crushing Strength N/mm ²
1	NP	1105	47.9	56.5
2	NP	1205	52.3	61.7
3	NP	1154	50.1	59.1
4	NP	1099	47.7	56.3
5	NP	1241	53.8	63.5
6	NP	1200	52.0	61.4
7	NP	1165	50.5	59.6
8	NP	1178	51.1	60.3
9	NP	1229	53.3	62.9
10	NP	1207	52.4	61.8

Average Compressive Strength (N/mm²) : 60

Minimum Compressive Strength (N/mm²) : 56

Test Method Variation : Specimens were immersed in water for 48hrs.
Remarks : Specimen immersion period in water as per ADQCC Specification (Standard construction specification Part 1, Chapter 7)
: This test is accredited by ENAS

Signed for and on behalf of Independent Soil Testing Laboratories LLC.

Rajakumar.T
Laboratory Manager

Results relate only to the item tested.
This report shall not be reproduced except in full, without the written approval of the laboratory.
All sample received conforms with acceptable environmental conditions.



CO-RS-010B
Rev-00/Jan 19

DETERMINATION OF WATER ABSORPTION, BULK DENSITY AND BULK/APPEARANT DENSITY RATIO
OF PRECAST CONCRETE PAVING BLOCKS

Page No. 01 of 01

ISTL Customer : Domus Al Khaleej Cement Products Industries

Information Provided by Customer

Client : Domus Al Khaleej Cement Products Industries
Consultant : Not Provided
Contractor : Not Provided
Project Name : Internal Quality Checking
Project No. : Not Provided
Project Location : Abu Dhabi ICAD 3
Sample Description : Interlocking Concrete Pavers (UNI Ship)
Source of Sample : Concrete Pavers
Production Date : Not Provided
Sampling Certificate No. : Not Provided
Sampling Location : Domus Stock Yard
Sender Reference No. : Not Provided
Client Reference No. : Not Provided
Sampled by : Not Provided
Sampling Date : 19/09/2022
Lot No. / Lot Size : Not Provided

Report No. : ISTL-121022-032 /01

Laboratory Information

Lab Reference No. : ISTL-121022-032
Lab Project No. : ISTL-C-882
Lab Sample No. : ISTL-121022-032
Sample Brought by : Client Rep.
Sample Received Date : 12/10/2022
Colour of sample : Not Provided
Work Size, mm : 80
No. of specimen tested : 5
Date Test Started : 13/10/2022
Date Test Completed : 16/10/2022
Date Reported : 16/10/2022
Tested By : VSN
Sampling Method : ASTM C140/C140M-21 Cls.5
Test Method : ASTM C140/C140M-21 Cls.8
Immersion Period : 48 hrs.

TEST RESULTS

Lab Specimen No.	1	2	3	4	5
Bundle No.	NP	NP	NP	NP	NP
Immersed Weight, kg	2.872	2.847	2.876	2.856	2.865
Saturated Weight, kg	4.823	4.825	4.829	4.82	4.831
Oven Dry Weight, kg	4.701	4.689	4.707	4.693	4.699
Water Absorption, %	2.6	2.9	2.6	2.7	2.8
Bulk Density, kg/m ³	2410	2370	2410	2390	2390
Apparent Density, kg/m ³	2570	2550	2570	2550	2560
Bulk/Apparent Density Ratio	0.94	0.93	0.94	0.94	0.93

Average Water Absorption (%)	: 2.7
Average Bulk Density (kg/m ³)	: 2390
Minimum Bulk Density (kg/m ³)	: 2370
Average Bulk/Apparent Density Ratio	: 0.94
Minimum Bulk/Apparent Density Ratio	: 0.93

Test Method Variation : Specimens were immersed in water for 48hrs.
Remarks : Specimen immersion period in water as per ADQCC Specification (Standard construction specification Part 1, Chapter 7)
: This test is accredited by ENAS

Signed for and on behalf of Independent Soil Testing Laboratories LLC.

Rajakumar. T
Laboratory Manager

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All sample received conforms with acceptable environmental conditions.



CO-RS-126
Rev-01/Sept 20

DETERMINATION OF COMPRESSIVE STRENGTH OF
PRECAST CONCRETE PAVING BLOCKS

Page No. 01 of 01

ISTL Customer : Domus Al Khaleej Cement Products Industries

Report No. : ISTL-121022-031 /02

Information Provided by Customer

Laboratory Information

Client : Domus Al Khaleej Cement Products Industries
Consultant : Not Provided
Contractor : Not Provided
Project Name : Internal Quality Checking
Project No. : Not Provided
Project Location : Abu Dhabi ICAD 3
Sample Description : Interlocking Concrete Pavers (UNI Ship)
Source of Sample : Concrete Pavers
Production Date : Not Provided
Sampling Certificate No. : Not Provided
Sampling Location : Domus Stock Yard
Sender Reference No. : Not Provided
Client Reference No. : Not Provided
Sampled by : Not Provided
Sampling Date : 19/09/2022
Lot No. / Lot Size : Not Provided

Lab Reference No. : ISTL-121022-031
Lab Project No. : ISTL-C-882
Lab Sample No. : ISTL-121022-031
Sample Brought by : Client Rep.
Sample Received Date : 12/10/2022
Colour of sample : Not Provided
Work Size, mm : 60
No. of specimen tested : 10
Date Test Started : 15/10/2022
Date Test Completed : 17/10/2022
Date Reported : 16/10/2022
Tested By : VSN
Sampling Method : BS 6717 Part 1 : 1993 Cls.12
Test Method : BS 6717 Part 1 : 1993 Annex B
Correction factor used : 1.06
Plan Area (mm²) : 22569

TEST RESULTS

Lab Specimen No.	Bundle No.	Max. Load (kN)	Crushing Strength N/mm ²	Corrected Crushing Strength N/mm ²
1	NP	1201	53.2	56.4
2	NP	1158	51.3	54.4
3	NP	1205	53.4	56.6
4	NP	1150	51.0	54.1
5	NP	1091	48.3	51.2
6	NP	1241	55.0	58.3
7	NP	1251	55.4	58.7
8	NP	1235	54.7	58.0
9	NP	1224	54.2	57.5
10	NP	1152	51.0	54.1

Average Compressive Strength (N/mm²) : 56

Minimum Compressive Strength (N/mm²) : 51

Test Method Variation : Specimens were immersed in water for 48hrs.
Remarks : Specimen immersion period in water as per ADQCC Specification (Standard construction specification Part 1, Chapter 7)
: This test is accredited by ENAS

Signed for and on behalf of Independent Soil Testing Laboratories LLC.

Rajakumar T
Laboratory Manager

Results relate only to the item tested.
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All sample received conforms with acceptable environmental conditions.



CO-RS-010B
Rev-00/Jan 19

DETERMINATION OF WATER ABSORPTION, BULK DENSITY AND BULK/APPARENT DENSITY RATIO OF PRECAST CONCRETE PAVING BLOCKS

Page No. 01 of 01

ISTL Customer : Domus Al Khaleej Cement Products Industries

Report No. : ISTL-121022-031 /01

Information Provided by Customer

Client : Domus Al Khaleej Cement Products Industries
 Consultant : Not Provided
 Contractor : Not Provided
 Project Name : Internal Quality Checking
 Project No. : Not Provided
 Project Location : Abu Dhabi ICAD 3
 Sample Description : Interlocking Concrete Pavers (UNI Ship)
 Source of Sample : Concrete Pavers
 Production Date : Not Provided
 Sampling Certificate No. : Not Provided
 Sampling Location : Domus Stock Yard
 Sender Reference No. : Not Provided
 Client Reference No. : Not Provided
 Sampled by : Not Provided
 Sampling Date : 19/09/2022
 Lot No. / Lot Size : Not Provided

Laboratory Information

Lab Reference No. : ISTL-121022-031
 Lab Project No. : ISTL-C-882
 Lab Sample No. : ISTL-121022-031
 Sample Brought by : Client Rep.
 Sample Received Date : 12/10/2022
 Colour of sample : Not Provided
 Work Size, mm : 60
 No. of specimen tested : 5
 Date Test Started : 13/10/2022
 Date Test Completed : 16/10/2022
 Date Reported : 16/10/2022
 Tested By : VSN
 Sampling Method : ASTM C140/C140M-21 Cls.5
 Test Method : ASTM C140/C140M-21 Cls.8
 Immersion Period : 48 hrs.

TEST RESULTS

Lab Specimen No.	1	2	3	4	5
Bundle No.	NP	NP	NP	NP	NP
Immersed Weight, kg	2.012	2.01	2.037	2.007	2.015
Saturated Weight, kg	3.401	3.384	3.435	3.392	3.406
Oven Dry Weight, kg	3.305	3.298	3.341	3.296	3.31
Water Absorption, %	2.9	2.6	2.8	2.9	2.9
Bulk Density, kg/m ³	2380	2400	2390	2380	2380
Apparent Density, kg/m ³	2560	2560	2560	2560	2560
Bulk/Apparent Density Ratio	0.93	0.94	0.93	0.93	0.93

Average Water Absorption (%)	: 2.8
Average Bulk Density (kg/m ³)	: 2390
Minimum Bulk Density (kg/m ³)	: 2380
Average Bulk/Apparent Density Ratio	: 0.93
Minimum Bulk/Apparent Density Ratio	: 0.93

Test Method Variation : Specimens were immersed in water for 48hrs.
 Remarks : Specimen immersion period in water as per ADQCC Specification (Standard construction specification Part 1, Chapter 7)
 : This test is accredited by ENAS

Signed for and on behalf of Independent Soil Testing Laboratories LLC.

Rajakumar. T
 Laboratory Manager



Results relate only to the item tested.
 This report shall not be reproduced except in full, without the written approval of the laboratory.
 All sample received conforms with acceptable environmental conditions.

CO-RS-126
 Rev-01/Sept 20

DETERMINATION OF COMPRESSIVE STRENGTH OF PRECAST CONCRETE PAVING BLOCKS

Page No. 01 of 01

ISTL Customer : Domus Al Khaleej Cement Products Industries

Report No. : ISTL-121022-030 /02

Information Provided by Customer

Laboratory Information

Client : Domus Al Khaleej Cement Products Industries
Consultant : Not Provided
Contractor : Not Provided
Project Name : Internal Quality Checking
Project No. : Not Provided
Project Location : Abu Dhabi ICAD 3
Sample Description : Interlocking Concrete Pavers
Source of Sample : Concrete Pavers
Production Date : Not Provided
Sampling Certificate No. : Not Provided
Sampling Location : Domus Stock Yard
Sender Reference No. : Not Provided
Client Reference No. : Not Provided
Sampled by : Not Provided
Sampling Date : 19/09/2022
Lot No. / Lot Size : Not Provided

Lab Reference No. : ISTL-121022-030
Lab Project No. : ISTL-C-882
Lab Sample No. : ISTL-121022-030
Sample Brought by : Client Rep.
Sample Received Date : 12/10/2022
Colour of sample : Not Provided
Work Size, mm : 200x200x80
No. of specimen tested : 10
Date Test Started : 13/10/2022
Date Test Completed : 15/10/2022
Date Reported : 15/10/2022
Tested By : VSN
Sampling Method : BS 6717 Part 1 : 1993 Cls.12
Test Method : BS 6717 Part 1 : 1993 Annex B
Correction factor used : 1.18
Plan Area (mm²) : 20000

TEST RESULTS

Lab Specimen No.	Bundle No.	Max. Load (kN)	Crushing Strength N/mm ²	Corrected Crushing Strength N/mm ²
1	NP	1010	50.5	59.6
2	NP	972	48.6	57.3
3	NP	1004	50.2	59.2
4	NP	1028	51.4	60.7
5	NP	1048	52.4	61.8
6	NP	990	49.5	58.4
7	NP	1044	52.2	61.6
8	NP	1060	53.0	62.5
9	NP	1018	50.9	60.1
10	NP	1022	51.1	60.3

Average Compressive Strength (N/mm²) : 60

Minimum Compressive Strength (N/mm²) : 57

Test Method Variation : Specimens were immersed in water for 48hrs.
Remarks : Specimen immersion period in water as per ADQCC Specification (Standard construction specification Part 1, Chapter 7)
: This test is accredited by ENAS

Signed for and on behalf of Independent Soil Testing Laboratories LLC.

Rajakumar. T
Laboratory Manager

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CO-RS-010B
Rev-00/Jan 19

DETERMINATION OF WATER ABSORPTION, BULK DENSITY AND BULK/APPEARANT DENSITY RATIO
OF PRECAST CONCRETE PAVING BLOCKS

Page No. 01 of 01

ISTL Customer : Domus Al Khaleej Cement Products Industries

Report No. : ISTL-121022-030 /01

Information Provided by Customer

Client : Domus Al Khaleej Cement Products Industries
Consultant : Not Provided
Contractor : Not Provided
Project Name : Internal Quality Checking
Project No. : Not Provided
Project Location : Abu Dhabi ICAD 3
Sample Description : Interlocking Concrete Pavers
Source of Sample : Concrete Pavers
Production Date : Not Provided
Sampling Certificate No. : Not Provided
Sampling Location : Domus Stock Yard
Sender Reference No. : Not Provided
Client Reference No. : Not Provided
Sampled by : Not Provided
Sampling Date : 19/09/2022
Lot No. / Lot Size : Not Provided

Laboratory Information

Lab Reference No. : ISTL-121022-030
Lab Project No. : ISTL-C-882
Lab Sample No. : ISTL-121022-030
Sample Brought by : Client Rep.
Sample Received Date : 12/10/2022
Colour of sample : Not Provided
Work Size, mm : 200x200x80
No. of specimen tested : 5
Date Test Started : 12/10/2022
Date Test Completed : 15/10/2022
Date Reported : 15/10/2022
Tested By : VSN
Sampling Method : ASTM C140/C140M-21 Cls.5
Test Method : ASTM C140/C140M-21 Cls.8
Immersion Period : 48 hrs.

TEST RESULTS

Lab Specimen No.		1	2	3	4	5
Bundle No.		NP	NP	NP	NP	NP
Immersed Weight,	kg	4.529	4.475	4.437	4.456	4.431
Saturated Weight,	kg	7.605	7.547	7.500	7.498	7.472
Oven Dry Weight,	kg	7.412	7.341	7.289	7.301	7.268
Water Absorption,	%	2.6	2.8	2.9	2.7	2.8
Bulk Density,	kg/m ³	2410	2390	2380	2400	2390
Apparent Density,	kg/m ³	2570	2560	2560	2570	2560
Bulk/Apparent Density Ratio		0.94	0.93	0.93	0.93	0.93

Average Water Absorption (%)	:	2.8
Average Bulk Density (kg/m ³)	:	2390
Minimum Bulk Density (kg/m ³)	:	2380
Average Bulk/Apparent Density Ratio	:	0.93
Minimum Bulk/Apparent Density Ratio	:	0.93

Test Method Variation : Specimens were immersed in water for 48hrs.
Remarks : Specimen immersion period in water as per ADQCC Specification (Standard construction specification Part 1, Chapter 7)
: This test is accredited by ENAS

Signed for and on behalf of Independent Soil Testing Laboratories LLC.

Rajakumar. P
Laboratory Manager

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All sample received conforms with acceptable environmental conditions.



CO-RS-126
Rev-01/Sept 20

DETERMINATION OF COMPRESSIVE STRENGTH OF PRECAST CONCRETE PAVING BLOCKS

Page No. 01 of 01

ISTL Customer : Domus Al Khaleej Cement Products Industries

Report No. : ISTL-121022-027 /02

Information Provided by Customer

Laboratory Information

Client : Domus Al Khaleej Cement Products Industries
 Consultant : Not Provided
 Contractor : Not Provided
 Project Name : Internal Quality Checking
 Project No. : Not Provided
 Project Location : Abu Dhabi ICAD 3
 Sample Description : Interlocking Concrete Pavers
 Source of Sample : Concrete Pavers
 Production Date : Not Provided
 Sampling Certificate No. : Not Provided
 Sampling Location : Domus Stock Yard
 Sender Reference No. : Not Provided
 Client Reference No. : Not Provided
 Sampled by : Not Provided
 Sampling Date : 19/09/2022
 Lot No. / Lot Size : Not Provided

Lab Reference No. : ISTL-121022-027
 Lab Project No. : ISTL-C-882
 Lab Sample No. : ISTL-121022-027
 Sample Brought by : Client Rep.
 Sample Received Date : 12/10/2022
 Colour of sample : Not Provided
 Work Size, mm : 200x100x60
 No. of specimen tested : 10
 Date Test Started : 13/10/2022
 Date Test Completed : 15/10/2022
 Date Reported : 16/10/2022
 Tested By : VSN
 Sampling Method : BS 6717 Part 1 : 1993 Cls.12
 Test Method : BS 6717 Part 1 : 1993 Annex B
 Correction factor used : 1.06
 Plan Area (mm²) : 20000

TEST RESULTS

Lab Specimen No.	Bundle No.	Max. Load (kN)	Crushing Strength N/mm ²	Corrected Crushing Strength N/mm ²
1	NP	1084	54.2	57.5
2	NP	1058	52.9	56.1
3	NP	1090	54.5	57.8
4	NP	1064	53.2	56.4
5	NP	1096	54.8	58.1
6	NP	1078	53.9	57.1
7	NP	1102	55.1	58.4
8	NP	1094	54.7	58.0
9	NP	1110	55.5	58.8
10	NP	1092	54.6	57.9

Average Compressive Strength (N/mm²) : 58

Minimum Compressive Strength (N/mm²) : 56

Test Method Variation : Specimens were immersed in water for 48hrs.
 Remarks : Specimen immersion period in water as per ADQCC Specification (Standard construction specification Part 1, Chapter 7)
 : This test is accredited by ENAS

Signed for and on behalf of Independent Soil Testing Laboratories LLC.

Rajakumar. T
 Laboratory Manager

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 All sample received conforms with acceptable environmental conditions.



CO-RS-010B
 Rev-00/Jan 19

DETERMINATION OF WATER ABSORPTION, BULK DENSITY AND BULK/APPARENT DENSITY RATIO OF PRECAST CONCRETE PAVING BLOCKS

Page No. 01 of 01

ISTL Customer : Domus Al Khaleej Cement Products Industries

Report No. : ISTL-121022-027 /01

Information Provided by Customer

Client : Domus Al Khaleej Cement Products Industries
 Consultant : Not Provided
 Contractor : Not Provided
 Project Name : Internal Quality Checking
 Project No. : Not Provided
 Project Location : Abu Dhabi ICAD 3
 Sample Description : Interlocking Concrete Pavers
 Source of Sample : Concrete Pavers
 Production Date : Not Provided
 Sampling Certificate No. : Not Provided
 Sampling Location : Domus Stock Yard
 Sender Reference No. : Not Provided
 Client Reference No. : Not Provided
 Sampled by : Not Provided
 Sampling Date : 19/09/2022
 Lot No. / Lot Size : Not Provided

Laboratory Information

Lab Reference No. : ISTL-121022-027
 Lab Project No. : ISTL-C-882
 Lab Sample No. : ISTL-121022-027
 Sample Brought by : Client Rep.
 Sample Received Date : 12/10/2022
 Colour of sample : Not Provided
 Work Size, mm : 200x100x60
 No. of specimen tested : 5
 Date Test Started : 13/10/2022
 Date Test Completed : 16/10/2022
 Date Reported : 16/10/2022
 Tested By : VSN
 Sampling Method : ASTM C140/C140M-21 Cls.5
 Test Method : ASTM C140/C140M-21 Cls.8
 Immersion Period : 48 hrs.

TEST RESULTS

Lab Specimen No.	1	2	3	4	5
Bundle No.	NP	NP	NP	NP	NP
Immersed Weight, kg	1.639	1.647	1.644	1.638	1.645
Saturated Weight, kg	2.751	2.777	2.761	2.757	2.78
Oven Dry Weight, kg	2.681	2.701	2.691	2.685	2.702
Water Absorption, %	2.6	2.8	2.6	2.7	2.9
Bulk Density, kg/m ³	2410	2390	2410	2400	2380
Apparent Density, kg/m ³	2570	2560	2570	2560	2560
Bulk/Apparent Density Ratio	0.94	0.93	0.94	0.94	0.93

Average Water Absorption (%)	: 2.7
Average Bulk Density (kg/m ³)	: 2400
Minimum Bulk Density (kg/m ³)	: 2380
Average Bulk/Apparent Density Ratio	: 0.94
Minimum Bulk/Apparent Density Ratio	: 0.93

Test Method Variation : Specimens were immersed in water for 48hrs.
 Remarks : Specimen immersion period in water as per ADQCC Specification (Standard construction specification Part 1, Chapter 7)
 : This test is accredited by ENAS

Signed for and on behalf of Independent Soil Testing Laboratories LLC.

Rajakumar. T
 Laboratory Manager



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 All sample received conforms with acceptable environmental conditions.

CO-RS-126
 Rev-01/Sept 20



DETERMINATION OF COMPRESSIVE STRENGTH OF PRECAST CONCRETE PAVING BLOCKS

Page No. 01 of 01

ISTL Customer : Domus Al Khaleej Cement Products Industries

Report No. : ISTL-121022-026 /02

Information Provided by Customer

Laboratory Information

Client : Domus Al Khaleej Cement Products Industries

Lab Reference No. : ISTL-121022-026

Consultant : Not Provided

Lab Project No. : ISTL-C-882

Contractor : Not Provided

Lab Sample No. : ISTL-121022-026

Project Name : Internal Quality Checking

Sample Brought by : Client Rep.

Project No. : Not Provided

Sample Received Date : 12/10/2022

Project Location : Abu Dhabi ICAD 3

Colour of sample : Not Provided

Sample Description : Interlocking Concrete Pavers

Work Size, mm : 100x100x80

Source of Sample : Concrete Pavers

No. of specimen tested : 10

Production Date : Not Provided

Date Test Started : 13/10/2022

Sampling Certificate No. : Not Provided

Date Test Completed : 15/10/2022

Sampling Location : Domus Stock Yard

Date Reported : 15/10/2022

Sender Reference No. : Not Provided

Tested By : VSN

Client Reference No. : Not Provided

Sampling Method : BS 6717 Part 1 : 1993 Cls.12

Sampled by : Not Provided

Test Method : BS 6717 Part 1 : 1993 Annex B

Sampling Date : 19/09/2022

Correction factor used : 1.18

Lot No. / Lot Size : Not Provided

Plan Area (mm²) : 10000

TEST RESULTS

Lab Specimen No.	Bundle No.	Max. Load (kN)	Crushing Strength N/mm ²	Corrected Crushing Strength N/mm ²
1	NP	501	50.1	59.1
2	NP	512	51.2	60.4
3	NP	498	49.8	58.8
4	NP	500	50.0	59.0
5	NP	521	52.1	61.5
6	NP	535	53.5	63.1
7	NP	540	54.0	63.7
8	NP	525	52.5	62.0
9	NP	530	53.0	62.5
10	NP	526	52.6	62.1

Average Compressive Strength (N/mm²) : 61

Minimum Compressive Strength (N/mm²) : 59

Test Method Variation : Specimens were immersed in water for 48hrs.
Remarks : Specimen immersion period in water as per ADQCC Specification (Standard construction specification Part 1, Chapter 7)
: This test is accredited by ENAS

Signed for and on behalf of Independent Soil Testing Laboratories LLC.

Rajakumar. T
Laboratory Manager

Results relate only to the item tested.
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All sample received conforms with acceptable environmental conditions.



DETERMINATION OF WATER ABSORPTION, BULK DENSITY AND BULK/APPARENT DENSITY RATIO OF PRECAST CONCRETE PAVING BLOCKS

Page No. 01 of 01

ISTL Customer : Domus Al Khaleej Cement Products Industries

Report No. : ISTL-121022-026 /01

Information Provided by Customer

Client : Domus Al Khaleej Cement Products Industries
 Consultant : Not Provided
 Contractor : Not Provided
 Project Name : Internal Quality Checking
 Project No. : Not Provided
 Project Location : Abu Dhabi ICAD 3
 Sample Description : Interlocking Concrete Pavers
 Source of Sample : Concrete Pavers
 Production Date : Not Provided
 Sampling Certificate No. : Not Provided
 Sampling Location : Domus Stock Yard
 Sender Reference No. : Not Provided
 Client Reference No. : Not Provided
 Sampled by : Not Provided
 Sampling Date : 19/09/2022
 Lot No. / Lot Size : Not Provided

Laboratory Information

Lab Reference No. : ISTL-121022-026
 Lab Project No. : ISTL-C-882
 Lab Sample No. : ISTL-121022-026
 Sample Brought by : Client Rep.
 Sample Received Date : 12/10/2022
 Colour of sample : Not Provided
 Work Size, mm : 100x100x80
 No. of specimen tested : 5
 Date Test Started : 12/10/2022
 Date Test Completed : 15/10/2022
 Date Reported : 15/10/2022
 Tested By : VSN
 Sampling Method : ASTM C140/C140M-21 Cls.5
 Test Method : ASTM C140/C140M-21 Cls.8
 Immersion Period : 48 hrs.

TEST RESULTS

Lab Specimen No.	1	2	3	4	5
Bundle No.	NP	NP	NP	NP	NP
Immersed Weight, kg	1.066	1.077	1.071	1.064	1.075
Saturated Weight, kg	1.802	1.809	1.807	1.787	1.809
Oven Dry Weight, kg	1.751	1.763	1.758	1.742	1.761
Water Absorption, %	2.9	2.6	2.8	2.6	2.7
Bulk Density, kg/m ³	2380	2410	2390	2410	2400
Apparent Density, kg/m ³	2560	2570	2560	2570	2570
Bulk/Apparent Density Ratio	0.93	0.94	0.93	0.94	0.93

Average Water Absorption (%)	: 2.7
Average Bulk Density (kg/m ³)	: 2400
Minimum Bulk Density (kg/m ³)	: 2380
Average Bulk/Apparent Density Ratio	: 0.93
Minimum Bulk/Apparent Density Ratio	: 0.93

Test Method Variation : Specimens were immersed in water for 48hrs.
 Remarks : Specimen immersion period in water as per ADQCC Specification (Standard construction specification Part 1, Chapter 7)
 : This test is accredited by ENAS

Signed for and on behalf of Independent Soil Testing Laboratories LLC.

Rajakumar. T
 Laboratory Manager

Results relate only to the item tested.
 This report shall not be reproduced except in full, without the written approval of the laboratory.
 All sample received conforms with acceptable environmental conditions.





DETERMINATION OF COMPRESSIVE STRENGTH OF PRECAST CONCRETE PAVING BLOCKS

Page No. 01 of 01

ISTL Customer : Domus Al Khaleej Cement Products Industries

Report No. : ISTL-121022-025 /02

Information Provided by Customer

Laboratory Information

Client : Domus Al Khaleej Cement Products Industries
 Consultant : Not Provided
 Contractor : Not Provided
 Project Name : Internal Quality Checking
 Project No. : Not Provided
 Project Location : Abu Dhabi ICAD 3
 Sample Description : Interlocking Concrete Pavers
 Source of Sample : Concrete Pavers
 Production Date : Not Provided
 Sampling Certificate No. : Not Provided
 Sampling Location : Domus Stock Yard
 Sender Reference No. : Not Provided
 Client Reference No. : Not Provided
 Sampled by : Not Provided
 Sampling Date : 19/09/2022
 Lot No. / Lot Size : Not Provided

Lab Reference No. : ISTL-121022-025
 Lab Project No. : ISTL-C-882
 Lab Sample No. : ISTL-121022-025
 Sample Brought by : Client Rep.
 Sample Received Date : 12/10/2022
 Colour of sample : Not Provided
 Work Size, mm : 100x100x60
 No. of specimen tested : 10
 Date Test Started : 13/10/2022
 Date Test Completed : 15/10/2022
 Date Reported : 15/10/2022
 Tested By : VSN
 Sampling Method : BS 6717 Part 1 : 1993 Cls.12
 Test Method : BS 6717 Part 1 : 1993 Annex B
 Correction factor used : 1.06
 Plan Area (mm²) : 10000

TEST RESULTS

Lab Specimen No.	Bundle No.	Max. Load (kN)	Crushing Strength N/mm ²	Corrected Crushing Strength N/mm ²
1	NP	543	54.3	57.6
2	NP	535	53.5	56.7
3	NP	542	54.2	57.5
4	NP	532	53.2	56.4
5	NP	529	52.9	56.1
6	NP	554	55.4	58.7
7	NP	547	54.7	58.0
8	NP	563	56.3	59.7
9	NP	545	54.5	57.8
10	NP	550	55.0	58.3

Average Compressive Strength (N/mm ²)	: 58
Minimum Compressive Strength (N/mm ²)	: 56

Test Method Variation : Specimens were immersed in water for 48hrs.
 Remarks : Specimen immersion period in water as per ADQCC Specification (Standard construction specification Part 1, Chapter 7)
 : This test is accredited by ENAS

Signed for and on behalf of Independent Soil Testing Laboratories LLC.

Rajakumar. T
 Laboratory Manager



Results relate only to the item tested.
 This report shall not be reproduced except in full, without the written approval of the laboratory.
 All sample received conforms with acceptable environmental conditions.

CO-RS-010B
 Rev-00/Jan 19

DETERMINATION OF WATER ABSORPTION, BULK DENSITY AND BULK/APPEARANT DENSITY RATIO OF PRECAST CONCRETE PAVING BLOCKS

Page No. 01 of 01

ISTL Customer : Domus Al Khaleej Cement Products Industries

Report No. : ISTL-121022-025 /01

Information Provided by Customer

Laboratory Information

Client : Domus Al Khaleej Cement Products Industries
 Consultant : Not Provided
 Contractor : Not Provided
 Project Name : Internal Quality Checking
 Project No. : Not Provided
 Project Location : Abu Dhabi ICAD 3
 Sample Description : Interlocking Concrete Pavers
 Source of Sample : Concrete Pavers
 Production Date : Not Provided
 Sampling Certificate No. : Not Provided
 Sampling Location : Domus Stock Yard
 Sender Reference No. : Not Provided
 Client Reference No. : Not Provided
 Sampled by : Not Provided
 Sampling Date : 19/09/2022
 Lot No. / Lot Size : Not Provided

Lab Reference No. : ISTL-121022-025
 Lab Project No. : ISTL-C-882
 Lab Sample No. : ISTL-121022-025
 Sample Brought by : Client Rep.
 Sample Received Date : 12/10/2022
 Colour of sample : Not Provided
 Work Size, mm : 100x100x60
 No. of specimen tested : 5
 Date Test Started : 12/10/2022
 Date Test Completed : 15/10/2022
 Date Reported : 15/10/2022
 Tested By : VSN
 Sampling Method : ASTM C140/C140M-21 Cls.5
 Test Method : ASTM C140/C140M-21 Cls.8
 Immersion Period : 48 hrs.

TEST RESULTS

Lab Specimen No.	1	2	3	4	5
Bundle No.	NP	NP	NP	NP	NP
Immersed Weight, kg	0.789	0.796	0.782	0.793	0.796
Saturated Weight, kg	1.329	1.337	1.326	1.339	1.336
Oven Dry Weight, kg	1.295	1.301	1.289	1.304	1.302
Water Absorption, %	2.6	2.8	2.9	2.7	2.6
Bulk Density, kg/m ³	2400	2400	2370	2390	2410
Apparent Density, kg/m ³	2560	2580	2540	2550	2570
Bulk/Apparent Density Ratio	0.94	0.93	0.93	0.94	0.94

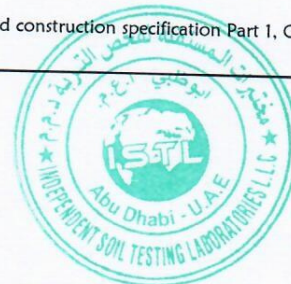
Average Water Absorption (%)	: 2.7
Average Bulk Density (kg/m ³)	: 2390
Minimum Bulk Density (kg/m ³)	: 2370
Average Bulk/Apparent Density Ratio	: 0.94
Minimum Bulk/Apparent Density Ratio	: 0.93

Test Method Variation : Specimens were immersed in water for 48hrs.
 Remarks : Specimen immersion period in water as per ADQCC Specification (Standard construction specification Part 1, Chapter 7)
 : This test is accredited by ENAS

Signed for and on behalf of Independent Soil Testing Laboratories LLC.

Rajakumar. T
 Laboratory Manager

Results relate only to the item tested.
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 All sample received conforms with acceptable environmental conditions.



QUALITY CONTROL PROCEDURE

1. Raw Materials Control

2. Products Control

Raw Materials Control

Sr.No	Raw Materials	Inspection / Test	Standard	Frequency
		Visual Inspection of consignment	-	Each delivery
1	Aggregates	Moisture Content Sieve analysis Water Absorption Specific gravity Preparing the samples for the independent laboratory test	BS 812 Part 109 : 1990 BS 812 : Section 103.1 : 1985 , Cl.7.2 ASTM C 127 / 128 ASTM C 127 / 128	Daily Once per week Once per week Once per week *6 Months interval & or projects specifications (Frequency), Doubtful Conditions.
2	Cement	Manufacturer shall verify compliance with specified requirements for strength and setting time	ASTM D 75 BS EN 196	*6 Months interval & or projects specifications (Frequency), Doubtful Conditions.
3	Water	Independent laboratory test	BS 3148	*6 Months interval & or projects specifications (Frequency), Doubtful Conditions.
4	Pigments	Manufacturer shall verify compliance with standard requirements	Alkali Content BS EN 480 Part	Each delivery
5	Admixtures	Manufacturer shall verify compliance with standard requirements		*6 Months interval & or projects specifications (Frequency), Doubtful Conditions.
12	Chloride - ASTM D 1411			
	Total Solids - ASTM C494			
	pH @20oC - ASTM D1293			
	Specific Gravity @25oC - ASTM D 1475			

* Sample to be submitted to an Independent Testing Laboratory.

DETERMINATION OF PARTICLE SIZE DISTRIBUTION -SIEVING METHOD

Page No. 01 of 01

ISTL Customer : Domus Al Khaleej Cement Products Industries LLC

Report No. : ISTL-121022-093 /01

Information Provided by Customer

Client : Not Provided
Consultant : Not Provided
Contractor : Not Provided
Project Name : Not Provided
Project No. : Not Provided
Project Location : Abu Dhabi, Icad 3
Sample Description : Crushed Aggregate 3/8 Coarse (0-8mm)
Source of Sample : 0-8mm Crushed
Sampling Certificate No. : Not Provided
Sampling Location : Domus Stock Yard
Sender Reference No. : Not Provided
Client Reference No. : Not Provided
Sampled by : QC
Sampling Date : 19/09/2022
Lot No. / Lot Size : Not Provided

Laboratory Information

Lab Reference No. : ISTL-121022-093
Lab Project No. : ISTL-882
Lab Sample No. : ISTL-121022-093
Sample Brought by : Client Rep.
Sample Received Date : 12/10/2022
Sample Size (Kg) : 50
Nominal Size (mm) : 0-8
Date Test Started : 13/10/2022
Date Test Completed : 15/10/2022
Date Reported : 19/10/2022
Tested By : SPS
Sampling Method : BS EN 932-1:1997
Sample Preparation Method : BS EN 932-2:1999
Test Method : BS EN 933-1:2012
Method of Analysis : Washing & Sieving

Size of test portion (g) : 1049.6

TEST RESULTS

Sieve Size (mm)	Cumulative Percentage Passing
8.00	100
4.75	12
2.36	1

Test Method Variation : None

Remarks : This test is accredited by ENAS

Signed for and on behalf of Independent Soil Testing Laboratories LLC.


Rajakumar. T
Laboratory Manager

Results relate only to the item tested.

This report shall not be reproduced except in full, without the written approval of the laboratory.
All sample received conforms with acceptable environmental conditions.SO-RS-001
Rev-00/Jan 19**Independent Soil Testing Laboratories. L.L.C**MW/5, Near NMDC, Mussafah, Abu Dhabi, U.A.E
P.O. Box :145843, Tel: +971 2 5553232
Email: istlab@outlook.com, Website: www.istl.ae

مختبرات المستقلة لفحص التربة ذ.م.م
م غرب ٥/ - يا لقرب من ان ام دي سي , مصنع , أبو ظبي , إ.ع.م
ص.ب: ١٤٥٨٤٣ , هاتف: ٣٢٣٢ ٦ ٥٥٥ +٩٧١
البريد الإلكتروني: istlab@outlook.com, الموقع الإلكتروني: www.istl.ae

DETERMINATION OF CLAY, SLIT AND DUST

Page No. 01 of 01

ISTL Customer : Domus Al Khaleej Cement Products Industries LLC

Report No. : ISTL-121022-093 /02

Information Provided by Customer

Client : Not Provided
Consultant : Not Provided
Contractor : Not Provided
Project Name : Not Provided
Project No. : Not Provided
Project Location : Abu Dhabi, Icad 3
Sample Description : Crushed Aggregate 3/8 Coarse (0-8mm)
Source of Sample : 0-8mm Crushed
Sampling Certificate No. : Not Provided
Sampling Location : Domus Stock Yard
Sender Reference No. : Not Provided
Client Reference No. : Not Provided
Sampled by : QC
Sampling Date : 19/09/2022
Lot No. / Lot Size : Not Provided

Laboratory Information

Lab Reference No. : ISTL-121022-093
Lab Project No. : ISTL-882
Lab Sample No. : ISTL-121022-093
Sample Brought by : Client Rep.
Sample Received Date : 12/10/2022
Sample Size (Kg) : 50
Nominal Size (mm) : 0-8
Date Test Started : 13/10/2022
Date Test Completed : 15/10/2022
Date Reported : 19/10/2022
Tested By : SPS
Sampling Method : BS EN 932-1:1997
Sample Preparation Method : BS EN 932-2:1999
Test Method : BS EN 933-1:2012
Method of Analysis : Washing & Sieving

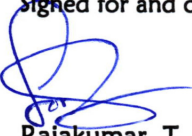
TEST RESULTS

TEST DESCRIPTION	UNIT	RESULTS
Clay, slit and dust (Passing 75µm)	% by mass	0.4

Test Method Variation : None

Remarks : This test is accredited by ENAS.

Signed for and on behalf of Independent Soil Testing Laboratories LLC.


Rajakumar. T
Laboratory Manager



Results relate only to the item tested.

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All sample received conforms with acceptable environmental conditions.

AGG-RS-017a
Rev-00/Jan 19

REPORT ON CHEMICAL ANALYSIS

Page No. 01 of 01

ISTL Customer : Domus Al Khaleej Cement Products Industries LLC

Report No. : ISTL-121022-093 /03

Information Provided by Customer

Client : Not Provided
Consultant : Not Provided
Contractor : Not Provided
Project Name : Not Provided
Project No. : Not Provided
Project Location : Abu Dhabi, Icad 3
Sample Description : Crushed Aggregate 3/8 Coarse (0-8mm)
Source of Sample : 0-8mm Crushed
Sampling Certificate No. : Not Provided
Sampling Location : Domus Stock Yard
Sender Reference No. : Not Provided
Client Reference No. : Not Provided
Sampled by : QC
Sampling Date : 19/09/2022
Lot No. / Lot Size : Not Provided

Laboratory Information

Lab Reference No. : ISTL-121022-093
Lab Project No. : ISTL-882
Lab Sample No. : ISTL-121022-093
Sample Brought by : Client Rep.
Sample Received Date : 12/10/2022
Sample Size (Kg) : 50
Nominal Size (mm) : 0-8
Date Test Started : 13/10/2022
Date Test Completed : 17/10/2022
Date Reported : 19/10/2022
Tested By : WIN
Sampling Method : BS EN 932-1:1997
Sample Preparation Method : BS EN 932-2:1999
BS 1377-1:2016

TEST RESULTS

TEST DESCRIPTION	TEST METHOD	UNIT	TEST RESULT
*Acid Soluble Sulphate Content (SO ₃)	BS EN 1744-1:2009 + A1:2012 Cls. 12.4	%	0.06
*Acid Soluble Chloride Content (Cl)	BS EN 1744-5:2006 Cls. 9	%	0.01
Organic Matter Content	BS 1377-3:2018 Cls.4.5.6	%	<0.1

Test Method Variation : None

Remarks : * This test is accredited by ENAS.

Signed for and on behalf of Independent Soil Testing Laboratories LLC.


Mathew Manaloor
Technical Manager - CME

Results relate only to the item tested.

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All sample received conforms with acceptable environmental conditions.CH-CA1001
Rev-00/Mar 21**Independent Soil Testing Laboratories. L.L.C**

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P.O. Box :145843, Tel: +971 2 5553232
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مختبرات المستقلة لفحص التربة ذ.م.م
م غرب ٥ - يا لقرب من ان ام دي سي , مصنع , أبو ظبي , إ.ع.م
ص.ب. : ١٤٥٨٤٣ , هاتف : ٥٥٥ ٣٢٣٢ ٩٧١ +
البريد الإلكتروني: istlab@outlook.com , الموقع الإلكتروني: www.istl.ae

DETERMINATION OF PARTICLE DENSITY AND WATER ABSORPTION

Page No. 01 of 01

ISTL Customer : Domus Al Khaleej Cement Products Industries LLC

Report No. : ISTL-121022-093 /04

Information Provided by Customer

Client : Not Provided
Consultant : Not Provided
Contractor : Not Provided
Project Name : Not Provided
Project No. : Not Provided
Project Location : Abu Dhabi, Icad 3
Sample Description : Crushed Aggregate 3/8 Coarse (0-8mm)
Source of Sample : 0-8mm Crushed
Sampling Certificate No. : Not Provided
Sampling Location : Domus Stock Yard
Sender Reference No. : Not Provided
Client Reference No. : Not Provided
Sampled by : QC
Sampling Date : 19/09/2022
Lot No. / Lot Size : Not Provided

Laboratory Information

Lab Reference No. : ISTL-121022-093
Lab Project No. : ISTL-882
Lab Sample No. : ISTL-121022-093
Sample Brought by : Client Rep.
Sample Received Date : 12/10/2022
Sample Size (Kg) : 50
Nominal Size (mm) : 0-8
Date Test Started : 14/10/2022
Date Test Completed : 17/10/2022
Date Reported : 19/10/2022
Tested By : SPS
Sampling Method : BS EN 932-1:1997
Sample Preparation Method : BS EN 932-2:1999
Test Method : BS EN 1097-6:2013 Cls.
Size of fraction tested (D_i/d_i) :

TEST RESULTS

TEST DESCRIPTION	UNIT	RESULTS
Relative Density (Oven-dried)	-	2.93
Relative Density (SSD)	-	2.94
Relative Density (Apparent)	-	2.97
Water absorption	%	0.4

Test Method Variation : None

Remarks : This test is accredited by ENAS

Signed for and on behalf of Independent Soil Testing Laboratories LLC.


Rajakumar. T
Laboratory Manager



Results relate only to the item tested.

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All sample received conforms with acceptable environmental conditions.

AGG-RS-051
Rev-00/Jan 19

DETERMINATION OF SHELL CONTENT-PERCENTAGE OF
SHELLS IN COARSE AGGREGATES

Page No. 01 of 01

ISTL Customer : Domus Al Khaleej Cement Products Industries LLC

Report No. : ISTL-121022-093 /05

Information Provided by Customer

Client : Not Provided
Consultant : Not Provided
Contractor : Not Provided
Project Name : Not Provided
Project No. : Not Provided
Project Location : Abu Dhabi, Icad 3
Sample Description : Crushed Aggregate 3/8 Coarse (0-8mm)
Source of Sample : 0-8mm Crushed
Sampling Certificate No. : Not Provided
Sampling Location : Domus Stock Yard
Sender Reference No. : Not Provided
Client Reference No. : Not Provided
Sampled by : QC
Sampling Date : 19/09/2022
Lot No. / Lot Size : Not Provided

Laboratory Information

Lab Reference No. : ISTL-121022-093
Lab Project No. : ISTL-882
Lab Sample No. : ISTL-121022-093
Sample Brought by : Client Rep.
Sample Received Date : 12/10/2022
Sample Size (Kg) : 50
Nominal Size (mm) : 0-8
Date Test Started : 13/10/2022
Date Test Completed : 14/10/2022
Date Reported : 19/10/2022
Tested By : VMG
Sampling Method : BS EN 932-1:1997
Sample Preparation Method : BS EN 932-2:1999
Test Method : BS EN 933-7:1998
Size of fraction tested (D/d) : 4 mm

TEST RESULTS

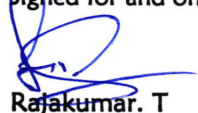
Percentage retained on 4mm sieve : 90

TEST DESCRIPTION	UNIT	RESULTS
Shell Content	%	Nil

Test Method Variation : None

Remarks : This test is accredited by ENAS

Signed for and on behalf of Independent Soil Testing Laboratories LLC.


Rafakumar. T
Laboratory Manager

Results relate only to the item tested.

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All sample received conforms with acceptable environmental conditions.



AGG-RS-049
Rev-00/Jan 19

REPORT ON DETERMINATION OF PARTICLE SHAPE-
FLAKINESS INDEX OF AGGREGATES

Page No. 01 of 01

ISTL Customer : Domus Al Khaleej Cement Products Industries LLC

Report No. : ISTL-121022-093 /06

Information Provided by Customer

Client : Not Provided
Consultant : Not Provided
Contractor : Not Provided
Project Name : Not Provided
Project No. : Not Provided
Project Location : Abu Dhabi, Icad 3
Sample Description : Crushed Aggregate 3/8 Coarse (0-8mm)
Source of Sample : 0-8mm Crushed
Sampling Certificate No. : Not Provided
Sampling Location : Domus Stock Yard
Sender Reference No. : Not Provided
Client Reference No. : Not Provided
Sampled by : QC
Sampling Date : 19/09/2022
Lot No. / Lot Size : Not Provided

Laboratory Information

Lab Reference No. : ISTL-121022-093
Lab Project No. : ISTL-882
Lab Sample No. : ISTL-121022-093
Sample Brought by : Client Rep.
Sample Received Date : 12/10/2022
Sample Size (Kg) : 50
Nominal Size (mm) : 0-8
Date Test Started : 13/10/2022
Date Test Completed : 13/10/2022
Date Reported : 19/10/2022
Tested By : SPS
Sampling Method : BS EN 932-1:1997
Sample Preparation Method : BS EN 933-1:2012
BS EN 933-2:1996
Test Method : BS EN 933-3:2012

TEST RESULTS

Mass of test portion : 1521.4 (g)

Particle size fraction, d_i/D_i	Flakiness index, FI_i
31.5/40	-
25/31.5	-
20/25	-
16/20	-
12.5/16	-
10/12.5	-
8/10	-
6.3/8	11
5/6.3	7
4/5	-
Overall flakiness index, FI	9

Test Method Variation : None

Remarks : This test is accredited by ENAS

Signed for and on behalf of Independent Soil Testing Laboratories LLC.

Rajakumar. T

Laboratory Manager

Results relate only to the item tested.

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All sample received conforms with acceptable environmental conditions.

AGG-RS-028
Rev-00/Jan 19

REPORT ON DETERMINATION OF PARTICLE SHAPE-
ELONGATION INDEX OF AGGREGATES

Page No. 01 of 01

ISTL Customer : Domus Al Khaleej Cement Products Industries LLC

Report No. : ISTL-121022-093 /07

Information Provided by Customer

Client : Not Provided
Consultant : Not Provided
Contractor : Not Provided
Project Name : Not Provided
Project No. : Not Provided
Project Location : Abu Dhabi, Icad 3
Sample Description : Crushed Aggregate 3/8 Coarse (0-8mm)
Source of Sample : 0-8mm Crushed
Sampling Certificate No. : Not Provided
Sampling Location : Domus Stock Yard
Sender Reference No. : Not Provided
Client Reference No. : Not Provided
Sampled by : QC
Sampling Date : 19/09/2022
Lot No. / Lot Size : Not Provided

Laboratory Information

Lab Reference No. : ISTL-121022-093
Lab Project No. : ISTL-882
Lab Sample No. : ISTL-121022-093
Sample Brought by : Client Rep.
Sample Received Date : 12/10/2022
Sample Size (Kg) : 50
Nominal Size (mm) : 0-8
Date Test Started : 13/10/2022
Date Test Completed : 13/10/2022
Date Reported : 19/10/2022
Tested By : SPS
Sampling Method : BS EN 932-1:1997
Sample Preparation Method : BS 812-102:1989
Test Method : BS 812-105.2:1990


TEST RESULTS

Sieve size	Retained (%)
50.0	-
37.5	-
28	-
20	-
14	-
10	-
6.3	100
Elongation index	7

Test Method Variation : None

Remarks : This test is accredited by ENAS

Signed for and on behalf of Independent Soil Testing Laboratories LLC.


Rajakumar. T
Laboratory Manager

Results relate only to the item tested.

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All sample received conforms with acceptable environmental conditions.AGG-RS-002
Rev-01/Mar 21

REPORT ON SOUNDNESS OF AGGREGATE BY MAGNESIUM SULFATE (MgSO₄)

ISTL Customer : Domus Al Khaleej Cement Products Industries LLC

Information Provided by Customer

Client : Not Provided
Consultant : Not Provided
Contractor : Not Provided
Project Name : Not Provided
Project No. : Not Provided
Project Location : Abu Dhabi, Icad 3
Sample Description : Crushed Aggregate 3/8 Coarse (0-8mm)
Source of Sample : 0-8mm Crushed
Sampling Certificate No. : Not Provided
Sampling Location : Domus Stock Yard
Sender Reference No. : Not Provided
Client Reference No. : Not Provided
Sampled by : QC
Sampling Date : 19/09/2022
Lot No. / Lot Size : Not Provided

Solution Used : MgSO₄
Age of Solution : Fresh
Number of Cycles : 5

Page No. 01 of 01

Report No. : ISTL-121022-093 /08

Laboratory Information

Lab Reference No. : ISTL-121022-093
Lab Project No. : ISTL-882
Lab Sample No. : ISTL-121022-093
Sample Brought by : Client Rep.
Sample Received Date : 12/10/2022
Sample Size (Kg) : 50
Nominal Size (mm) : 0-8
Date Test Started : 13/10/2022
Date Test Completed : 19/10/2022
Date Reported : 19/10/2022
Tested by : SPS
Sampling method : ASTM D75/D75M-19
Sample Preparation Method : ASTM C88/C88M-18 Cls.6 & 7
Test Method : ASTM C88/C88M-18

Specific Gravity of Solution : 1.301

Percentage material retained on 4.75 mm test sieve : 88

Percentage material passing on 4.75 mm test sieve : 12

TEST RESULTS

Test sieve size	Grading of Original sample, Percent	Mass of Test Fraction Before Test, g	Percentage passing designated sieve after test	Weighted Percentage Loss
Minus 2.36 µm	1			
300 µm to 150 µm				
600 µm to 300 µm				
1.18 to 600 µm				
2.36 mm to 1.18 mm				
4.75 mm to 2.36 mm	11	100	4.5	0.5
9.5 mm to 4.75 mm	88	100	2.7	2.4
TOTAL OF FINE AGGREGATES	100			3
63 mm - 50 mm				
50 mm - 37.5 mm				
37.5 mm - 25.0 mm				
25.0 mm - 19.0 mm				
19.0 mm - 12.5 mm				
12.5 mm - 9.50 mm				
9.50 mm - 4.75 mm	-	-	-	-
TOTAL OF COARSE AGGREGATES				

QUALITATIVE EXAMINATION OF COARSE SIZE AGGREGATES

Sieve size	No. of Particles	Splitting		Crumbling		Cracking		Flaking		No. of particles after test
		No.	%	No.	%	No.	%	No.	%	
63.0 mm - 37.5 mm	-	Nil	Nil	NIL	NIL	NIL	NIL	NIL	NIL	-
37.5 - 19.0 mm	-	Nil	Nil	NIL	NIL	NIL	NIL	NIL	NIL	-

Total percentage weight loss calculated against the initial grading:

3

Test Method Variation : None

Remarks : This test is accredited by ENAS.

Signed for and on behalf of Independent Soil Testing Laboratories LLC.

Rajakumar. T
Laboratory Manager

Results relate only to the item tested.

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AGG-RS-019a
Rev-00/Jun 21

DETERMINATION OF AGGREGATE CRUSHING VALUE (ACV)

Page No. 01 of 01

ISTL Customer : Domus Al Khaleej Cement Products Industries LLC

Report No. : ISTL-121022-093 /09

Information Provided by Customer

Client : Not Provided
Consultant : Not Provided
Contractor : Not Provided
Project Name : Not Provided
Project No. : Not Provided
Project Location : Abu Dhabi, Icad 3
Sample Description : Crushed Aggregate 3/8 Coarse (0-8mm)
Source of Sample : 0-8mm Crushed
Sampling Certificate No. : Not Provided
Sampling Location : Domus Stock Yard
Sender Reference No. : Not Provided
Client Reference No. : Not Provided
Sampled by : QC
Sampling Date : 19/09/2022
Lot No. / Lot Size : Not Provided

Laboratory Information

Lab Reference No. : ISTL-121022-093
Lab Project No. : ISTL-882
Lab Sample No. : ISTL-121022-093
Sample Brought by : Client Rep.
Sample Received Date : 12/10/2022
Sample Size (Kg) : 50
Nominal Size (mm) : 0-8
Date Test Started : 13/10/2022
Date Test Completed : 13/10/2022
Date Reported : 19/10/2022
Tested By : SPS
Sampling Method : BS EN 932-1:1997
Sample Preparation Method : BS 812-102:1989
Test Method : BS 812-110:1990 Appendix A
Size of aggregate tested :

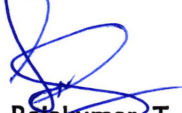
TEST RESULTS

TEST DESCRIPTION	RESULTS
Aggregate Crushing Value (ACV)	15

Test Method Variation : None

Remarks : This test is accredited by ENAS.

Signed for and on behalf of Independent Soil Testing Laboratories LLC.


Rajakumar. T
Laboratory Manager

Results relate only to the item tested.

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Rev-00/Jan 19

REPORT ON LOS ANGELES ABRASION RESISTANCE

Page No. 01 of 01

ISTL Customer : Domus Al Khaleej Cement Products Industries LLC

Report No. : ISTL-121022-093 /10

Information Provided by Customer

Client : Not Provided
Consultant : Not Provided
Contractor : Not Provided
Project Name : Not Provided
Project No. : Not Provided
Project Location : Abu Dhabi, Icad 3
Sample Description : Crushed Aggregate 3/8 Coarse (0-8mm)
Source of Sample : 0-8mm Crushed
Sampling Certificate No. : Not Provided
Sampling Location : Domus Stock Yard
Sender Reference No. : Not Provided
Client Reference No. : Not Provided
Sampled by : QC
Sampling Date : 19/09/2022
Lot No. / Lot Size : Not Provided

Laboratory Information

Lab Reference No. : ISTL-121022-093
Lab Project No. : ISTL-882
Lab Sample No. : ISTL-121022-093
Sample Brought by : Client Rep.
Sample Received Date : 12/10/2022
Sample Size (Kg) : 50
Nominal Size (mm) : 0-8
Date Test Started : 13/10/2022
Date Test Completed : 15/10/2022
Date Reported : 19/10/2022
Tested By : SPS
Sampling Method : BS EN 932-1:1997
Sample Preparation Method : AASHTO R76-16 (2020)
Test Method : AASHTO T 96 - 02

TEST RESULTS

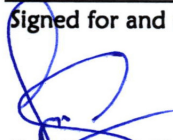
Grading Designation : C

TEST DESCRIPTION	UNIT	RESULTS
Los Angeles Abrasion Value	% by mass	14

Test Method Variation : None

Remarks : This test is accredited by ENAS

Signed for and on behalf of Independent Soil Testing Laboratories LLC.


Rajakumar. T
Laboratory Manager

Results relate only to the item tested.

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Rev-00/Jan 19

DETERMINATION OF PARTICLE SIZE DISTRIBUTION -SIEVING METHOD

Page No. 01 of 01

ISTL Customer : Domus Al Khaleej Cement Products Industries LLC

Report No. : ISTL-121022-095 /01

Information Provided by Customer

Client : Not Provided
Consultant : Not Provided
Contractor : Not Provided
Project Name : Not Provided
Project No. : Not Provided
Project Location : Abu Dhabi, Icad 3
Sample Description : 0-5mm Washed Fine
Source of Sample : 0-5mm Washed Crushed
Sampling Certificate No. : Not Provided
Sampling Location : Domus Stock Yard
Sender Reference No. : Not Provided
Client Reference No. : Not Provided
Sampled by : QC
Sampling Date : 19/09/2022
Lot No. / Lot Size : Not Provided

Laboratory Information

Lab Reference No. : ISTL-121022-095
Lab Project No. : ISTL-882
Lab Sample No. : ISTL-121022-095
Sample Brought by : Client Rep.
Sample Received Date : 12/10/2022
Sample Size (Kg) : 50
Nominal Size (mm) : 0-5
Date Test Started : 13/10/2022
Date Test Completed : 15/10/2022
Date Reported : 21/10/2022
Tested By : VMG
Sampling Method : BS EN 932-1:1997
Sample Preparation Method : BS EN 932-2:1999
Test Method : BS EN 933-1:2012
Method of Analysis : Washing & Sieving

Size of test portion (g) : 594.6

TEST RESULTS

Sieve Size (mm)	Cumulative Percentage Passing
8.00	100
4.75	94
2.36	65
1.18	45
0.600	27
0.300	15
0.150	7
0.075	3

Test Method Variation : None

Remarks : This test is accredited by ENAS

Signed for and on behalf of Independent Soil Testing Laboratories LLC.

Rajakumar. T
Laboratory Manager



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SO-RS-001
Rev-00/Jan 19

Independent Soil Testing Laboratories. L.L.C

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Email: istlab@outlook.com, Website: www.istl.ae

مختبرات المستقلة لفحص التربة ذ.م.م
م غرب ٥ - با لغرب من ان ام دي سي , مصع , أبو ظبي , إ.ع.م
ص.ب. ١٤٥٨٤٣ , هاتف : ٣٢٣٢ ٥٥٥ ٩٧١ +
البريد الإلكتروني: istlab@outlook.com, الموقع الإلكتروني: www.istl.ae

DETERMINATION OF CLAY, SLIT AND DUST

Page No. 01 of 01

ISTL Customer : Domus Al Khaleej Cement Products Industries LLC

Report No. : ISTL-121022-095 /02

Information Provided by Customer

Client : Not Provided
Consultant : Not Provided
Contractor : Not Provided
Project Name : Not Provided
Project No. : Not Provided
Project Location : Abu Dhabi, Icad 3
Sample Description : 0-5mm Washed Fine
Source of Sample : 0-5mm Washed Crushed
Sampling Certificate No. : Not Provided
Sampling Location : Domus Stock Yard
Sender Reference No. : Not Provided
Client Reference No. : Not Provided
Sampled by : QC
Sampling Date : 19/09/2022
Lot No. / Lot Size : Not Provided

Laboratory Information

Lab Reference No. : ISTL-121022-095
Lab Project No. : ISTL-882
Lab Sample No. : ISTL-121022-095
Sample Brought by : Client Rep.
Sample Received Date : 12/10/2022
Sample Size (Kg) : 50
Nominal Size (mm) : 0-5
Date Test Started : 13/10/2022
Date Test Completed : 15/10/2022
Date Reported : 21/10/2022
Tested By : VMG
Sampling Method : BS EN 932-1:1997
Sample Preparation Method : BS EN 932-2:1999
Test Method : BS EN 933-1:2012
Method of Analysis : Washing & Sieving

TEST RESULTS

TEST DESCRIPTION	UNIT	RESULTS
Clay, slit and dust (Passing 75µm)	% by mass	2.7

Test Method Variation : None

Remarks : This test is accredited by ENAS.

Signed for and on behalf of Independent Soil Testing Laboratories LLC.

Rajakumar. T
Laboratory Manager



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AGG-RS-017a
Rev-00/Jan 19

REPORT ON CHEMICAL ANALYSIS

Page No. 01 of 01

ISTL Customer : Domus Al Khaleej Cement Products Industries LLC

Report No. : ISTL-121022-095 /03

Information Provided by Customer

Client : Not Provided
Consultant : Not Provided
Contractor : Not Provided
Project Name : Not Provided
Project No. : Not Provided
Project Location : Abu Dhabi, Icad 3
Sample Description : 0-5mm Washed Fine
Source of Sample : 0-5mm Washed Crushed
Sampling Certificate No. : Not Provided
Sampling Location : Domus Stock Yard
Sender Reference No. : Not Provided
Client Reference No. : Not Provided
Sampled by : QC
Sampling Date : 19/09/2022
Lot No. / Lot Size : Not Provided

Laboratory Information

Lab Reference No. : ISTL-121022-095
Lab Project No. : ISTL-882
Lab Sample No. : ISTL-121022-095
Sample Brought by : Client Rep.
Sample Received Date : 12/10/2022
Sample Size (Kg) : 50
Nominal Size (mm) : 0-5
Date Test Started : 13/10/2022
Date Test Completed : 17/10/2022
Date Reported : 21/10/2022
Tested By : WIN
Sampling Method : BS EN 932-1:1997
BS EN 932-2:1999
Sample Preparation Method : BS 1377-1:2016

TEST RESULTS

TEST DESCRIPTION	TEST METHOD	UNIT	TEST RESULT
*Acid Soluble Sulphate Content (SO ₃)	BS EN 1744-1:2009 + A1:2012 Cls. 12.4	%	0.06
*Acid Soluble Chloride Content (Cl)	BS EN 1744-5:2006 Cls. 9	%	0.01
Organic Matter Content	BS 1377-3:2018 Cls.4.5.6	%	<0.1

Test Method Variation : None

Remarks : * This test is accredited by ENAS.

Signed for and on behalf of Independent Soil Testing Laboratories LLC.


Mathew Manaloor
Technical Manager - CME



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CH-CAI001
Rev-00/Mar 21

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Email: istlab@outlook.com, Website: www.istl.ae

مختبرات المستقلة لفحص التربة ل.م.م.م.
م غرب ٥ - با لقرب من ان ام دي سي , مصعب , أبو ظبي , إ.ع.م.
ص.ب. : ١٤٥٨٤٣ , هاتف : ٣٢٣٢ ٥٥٥ ٦٩٧١ +
البريد الإلكتروني: istlab@outlook.com , الموقع الإلكتروني: www.istl.ae

DETERMINATION OF PARTICLE DENSITY AND WATER ABSORTION

Page No. 01 of 01

ISTL Customer : Domus Al Khaleej Cement Products Industries LLC

Report No. : ISTL-121022-095 /04

Information Provided by Customer

Client : Not Provided
Consultant : Not Provided
Contractor : Not Provided
Project Name : Not Provided
Project No. : Not Provided
Project Location : Abu Dhabi, Icad 3
Sample Description : 0-5mm Washed Fine
Source of Sample : 0-5mm Washed Crushed
Sampling Certificate No. : Not Provided
Sampling Location : Domus Stock Yard
Sender Reference No. : Not Provided
Client Reference No. : Not Provided
Sampled by : QC
Sampling Date : 19/09/2022
Lot No. / Lot Size : Not Provided

Laboratory Information

Lab Reference No. : ISTL-121022-095
Lab Project No. : ISTL-882
Lab Sample No. : ISTL-121022-095
Sample Brought by : Client Rep.
Sample Received Date : 12/10/2022
Sample Size (Kg) : 50
Nominal Size (mm) : 0-5
Date Test Started : 13/10/2022
Date Test Completed : 16/10/2022
Date Reported : 21/10/2022
Tested By : VMG
Sampling Method : BS EN 932-1:1997
Sample Preparation Method : BS EN 932-2:1999
Test Method : BS EN 1097-6:2013 Cls.
Size of fraction tested (D_i/d_i) :

TEST RESULTS

TEST DESCRIPTION	UNIT	RESULTS
Relative Density (Oven-dried)	-	2.93
Relative Density (SSD)	-	2.96
Relative Density (Apparent)	-	3.03
Water absorption	%	1.2

Test Method Variation : None

Remarks : This test is accredited by ENAS

Signed for and on behalf of Independent Soil Testing Laboratories LLC.

Rajakumar. T
Laboratory Manager



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AGG-RS-051
Rev-00/Jan 19

DETERMINATION OF SHELL CONTENT-PERCENTAGE OF
SHELLS IN COARSE AGGREGATES

Page No. 01 of 01

ISTL Customer : Domus Al Khaleej Cement Products Industries LLC

Report No. : ISTL-121022-095 /05

Information Provided by Customer

Client : Not Provided
Consultant : Not Provided
Contractor : Not Provided
Project Name : Not Provided
Project No. : Not Provided
Project Location : Abu Dhabi, Icad 3
Sample Description : 0-5mm Washed Fine
Source of Sample : 0-5mm Washed Crushed
Sampling Certificate No. : Not Provided
Sampling Location : Domus Stock Yard
Sender Reference No. : Not Provided
Client Reference No. : Not Provided
Sampled by : QC
Sampling Date : 19/09/2022
Lot No. / Lot Size : Not Provided

Laboratory Information

Lab Reference No. : ISTL-121022-095
Lab Project No. : ISTL-882
Lab Sample No. : ISTL-121022-095
Sample Brought by : Client Rep.
Sample Received Date : 12/10/2022
Sample Size (Kg) : 50
Nominal Size (mm) : 0-5
Date Test Started : 13/10/2022
Date Test Completed : 15/10/2022
Date Reported : 21/10/2022
Tested By : VMG
Sampling Method : BS EN 932-1:1997
Sample Preparation Method : BS EN 932-2:1999
Test Method : BS EN 933-7:1998
Size of fraction tested (D_v/d_s) : 8 mm

TEST RESULTS

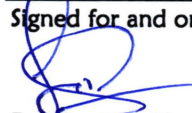
Percentage retained on 4mm sieve : Nil

TEST DESCRIPTION	UNIT	RESULTS
Shell Content	%	NIL

Test Method Variation : None

Remarks : This test is accredited by ENAS

Signed for and on behalf of Independent Soil Testing Laboratories LLC.


Rajakumar. T
Laboratory Manager

Results relate only to the item tested.

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AGG-RS-049
Rev-00/Jan 19

REPORT ON SOUNDNESS OF AGGREGATE BY MAGNESIUM SULFATE (MgSO₄)

Page No. 01 of 01

ISTL Customer : Domus Al Khaleej Cement Products Industries LLC

Report No. : ISTL-121022-095 /06

Information Provided by Customer

Laboratory Information

Client : Not Provided
Consultant : Not Provided
Contractor : Not Provided
Project Name : Not Provided
Project No. : Not Provided
Project Location : Abu Dhabi, Icad 3
Sample Description : 0-5mm Washed Fine
Source of Sample : 0-5mm Washed Crushed
Sampling Certificate No. : Not Provided
Sampling Location : Domus Stock Yard
Sender Reference No. : Not Provided
Client Reference No. : Not Provided
Sampled by : QC
Sampling Date : 19/09/2022
Lot No. / Lot Size : Not Provided

Lab Reference No. : ISTL-121022-095
Lab Project No. : ISTL-882
Lab Sample No. : ISTL-121022-095
Sample Brought by : Client Rep.
Sample Received Date : 12/10/2022
Sample Size (Kg) : 50
Nominal Size (mm) : 0-5
Date Test Started : 13/10/2022
Date Test Completed : 21/10/2022
Date Reported : 21/10/2022
Tested by : VMG
Sampling method : ASTM D75/D75M-19
Sample Preparation Method : ASTM C88/C88M-18 Cls.6 & 7
Test Method : ASTM C88/C88M-18

Solution Used : MgSO₄ Specific Gravity of Solution : 1.301
Age of Solution : Fresh Percentage material retained on 4.75 mm test sieve : 0
Number of Cycles : 5 Percentage material passing on 4.75 mm test sieve : 100

TEST RESULTS

Test sieve size	Grading of Original sample, Percent	Mass of Test Fraction Before Test, g	Percentage passing designated sieve after test	Weighted Percentage Loss
Minus 300 µm	15			
300 µm to 150 µm				
600 µm to 300 µm	12	100	3.3	0.4
1.18 to 600 µm	18	100	3.3	0.6
2.36 mm to 1.18 mm	20	100	5.0	1.0
4.75 mm to 2.36 mm	29	100	4.5	1.3
9.5 mm to 4.75 mm	6	100	3.3	0.2
TOTAL OF FINE AGGREGATES	100			3.5
63 mm - 50 mm				
50 mm - 37.5 mm				
37.5 mm - 25.0 mm				
25.0 mm - 19.0 mm				
19.0 mm - 12.5 mm				
12.5 mm - 9.50 mm				
9.50 mm - 4.75 mm	-	-	-	-
TOTAL OF COARSE AGGREGATES				

QUALITATIVE EXAMINATION OF COARSE SIZE AGGREGATES

Sieve size	No. of Particles	Splitting		Crumbling		Cracking		Flaking		No. of particles after test
		No.	%	No.	%	No.	%	No.	%	
63.0 mm - 37.5 mm	-	Nil	Nil	NIL	NIL	NIL	NIL	NIL	NIL	-
37.5 - 19.0 mm	-	Nil	Nil	NIL	NIL	NIL	NIL	NIL	NIL	-
Total percentage weight loss calculated against the initial grading:										4

Test Method Variation : None

Remarks : This test is accredited by ENAS.

Signed for and on behalf of Independent Soil Testing Laboratories LLC.

Rajakumar. T
Laboratory Manager

Results relate only to the item tested.

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AGG-RS-019a
Rev-00/Jun 21

DETERMINATION OF PARTICLE SIZE DISTRIBUTION -SIEVING METHOD

Page No. 01 of 01

ISTL Customer : Domus Al Khaleej Cement Products Industries LLC

Report No. : ISTL-121022-096 /01

Information Provided by Customer

Client : Not Provided
Consultant : Not Provided
Contractor : Not Provided
Project Name : Not Provided
Project No. : Not Provided
Project Location : Abu Dhabi, Icad 3
Sample Description : 0-5mm Crushed Fine
Source of Sample : 3/16 Crushed
Sampling Certificate No. : Not Provided
Sampling Location : Domus Stock Yard
Sender Reference No. : Not Provided
Client Reference No. : Not Provided
Sampled by : QC
Sampling Date : 19/09/2022
Lot No. / Lot Size : Not Provided

Laboratory Information

Lab Reference No. : ISTL-121022-096
Lab Project No. : ISTL-882
Lab Sample No. : ISTL-121022-096
Sample Brought by : Client Rep.
Sample Received Date : 12/10/2022
Sample Size (Kg) : 50
Nominal Size (mm) : 0-5
Date Test Started : 13/10/2022
Date Test Completed : 15/10/2022
Date Reported : 21/10/2022
Tested By : VMG
Sampling Method : BS EN 932-1:1997
Sample Preparation Method : BS EN 932-2:1999
Test Method : BS EN 933-1:2012
Method of Analysis : Washing & Sieving

Size of test portion (g) : 594.6

TEST RESULTS

Sieve Size (mm)	Cumulative Percentage Passing
8.00	100
4.75	93
2.36	62
1.18	44
0.600	26
0.300	14
0.150	8
0.075	3

Test Method Variation : None

Remarks : This test is accredited by ENAS

Signed for and on behalf of Independent Soil Testing Laboratories LLC.

Rajakumar. T
Laboratory Manager



Results relate only to the item tested.

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SO-RS-001
Rev-00/Jan 19

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مختبرات المستقلة لفحص التربة ذ.م.م.
م غرب ٥- يا لقرب من ان ام دي سي , مصعب , أبو ظبي , ا.ع.م.
ص.ب. ١٤٥٨٤٣ , هاتف : ٥٥٥ ٣٢٣٢ +٩٧١
www.istl.ae: الموقع الإلكتروني, istlab@outlook.com: البريد الإلكتروني

DETERMINATION OF CLAY, SLIT AND DUST

Page No. 01 of 01

ISTL Customer : Domus Al Khaleej Cement Products Industries LLC

Report No. : ISTL-121022-096 /02

Information Provided by Customer

Client : Not Provided
Consultant : Not Provided
Contractor : Not Provided
Project Name : Not Provided
Project No. : Not Provided
Project Location : Abu Dhabi, Icad 3
Sample Description : 0-5mm Crushed Fine
Source of Sample : 3/16 Crushed
Sampling Certificate No. : Not Provided
Sampling Location : Domus Stock Yard
Sender Reference No. : Not Provided
Client Reference No. : Not Provided
Sampled by : QC
Sampling Date : 19/09/2022
Lot No. / Lot Size : Not Provided

Laboratory Information

Lab Reference No. : ISTL-121022-096
Lab Project No. : ISTL-882
Lab Sample No. : ISTL-121022-096
Sample Brought by : Client Rep.
Sample Received Date : 12/10/2022
Sample Size (Kg) : 50
Nominal Size (mm) : 0-5
Date Test Started : 13/10/2022
Date Test Completed : 15/10/2022
Date Reported : 21/10/2022
Tested By : VMG
Sampling Method : BS EN 932-1:1997
Sample Preparation Method : BS EN 932-2:1999
Test Method : BS EN 933-1:2012
Method of Analysis : Washing & Sieving

TEST RESULTS

TEST DESCRIPTION	UNIT	RESULTS
Clay, slit and dust (Passing 75µm)	% by mass	2.8

Test Method Variation : None

Remarks : This test is accredited by ENAS.

Signed for and on behalf of Independent Soil Testing Laboratories LLC.


Rajakumar. T
Laboratory Manager

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Rev-00/Jan 19

REPORT ON CHEMICAL ANALYSIS

Page No. 01 of 01

ISTL Customer : Domus Al Khaleej Cement Products Industries LLC

Report No. : ISTL-121022-096 /03

Information Provided by Customer

Client : Not Provided
Consultant : Not Provided
Contractor : Not Provided
Project Name : Not Provided
Project No. : Not Provided
Project Location : Abu Dhabi, Icad 3
Sample Description : 0-5mm Crushed Fine
Source of Sample : 3/16 Crushed
Sampling Certificate No. : Not Provided
Sampling Location : Domus Stock Yard
Sender Reference No. : Not Provided
Client Reference No. : Not Provided
Sampled by : QC
Sampling Date : 19/09/2022
Lot No. / Lot Size : Not Provided

Laboratory Information

Lab Reference No. : ISTL-121022-096
Lab Project No. : ISTL-882
Lab Sample No. : ISTL-121022-096
Sample Brought by : Client Rep.
Sample Received Date : 12/10/2022
Sample Size (Kg) : 50
Nominal Size (mm) : 0-5
Date Test Started : 13/10/2022
Date Test Completed : 17/10/2022
Date Reported : 21/10/2022
Tested By : WIN
Sampling Method : BS EN 932-1:1997
Sample Preparation Method : BS EN 932-2:1999
BS 1377-1:2016

TEST RESULTS

TEST DESCRIPTION	TEST METHOD	UNIT	TEST RESULT
*Acid Soluble Sulphate Content (SO ₃)	BS EN 1744-1:2009 + A1:2012 Cls. 12.4	%	0.07
*Acid Soluble Chloride Content (Cl)	BS EN 1744-5:2006 Cls. 9	%	0.01
Organic Matter Content	BS 1377-3:2018 Cls.4.5.6	%	<0.1

Test Method Variation : None

Remarks : * This test is accredited by ENAS.

Signed for and on behalf of Independent Soil Testing Laboratories LLC.


Mathew Manaloor
Technical Manager - CME

Results relate only to the item tested.

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Rev-00/Mar 21**Independent Soil Testing Laboratories. L.L.C**

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م.ع.م. - يا لغرب من ان ام دي سي , مصعب , أبو ظبي , إ.ع.م.
ص.ب. : ١٤٥٨٤٣ , هاتف : ٩٧١ ٦ ٥٥٥ ٣٢٣٢
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DETERMINATION OF PARTICLE DENSITY AND WATER ABSORPTION

Page No. 01 of 01

ISTL Customer : Domus Al Khaleej Cement Products Industries LLC

Report No. : ISTL-121022-096 /04

Information Provided by Customer

Client : Not Provided
Consultant : Not Provided
Contractor : Not Provided
Project Name : Not Provided
Project No. : Not Provided
Project Location : Abu Dhabi, Icad 3
Sample Description : 0-5mm Crushed Fine
Source of Sample : 3/16 Crushed
Sampling Certificate No. : Not Provided
Sampling Location : Domus Stock Yard
Sender Reference No. : Not Provided
Client Reference No. : Not Provided
Sampled by : QC
Sampling Date : 19/09/2022
Lot No. / Lot Size : Not Provided

Laboratory Information

Lab Reference No. : ISTL-121022-096
Lab Project No. : ISTL-882
Lab Sample No. : ISTL-121022-096
Sample Brought by : Client Rep.
Sample Received Date : 12/10/2022
Sample Size (Kg) : 50
Nominal Size (mm) : 0-5
Date Test Started : 13/10/2022
Date Test Completed : 16/10/2022
Date Reported : 21/10/2022
Tested By : VMG
Sampling Method : BS EN 932-1:1997
Sample Preparation Method : BS EN 932-2:1999
Test Method : BS EN 1097-6:2013 Cls.
Size of fraction tested (D_i/d_i) :

TEST RESULTS

TEST DESCRIPTION	UNIT	RESULTS
Relative Density (Oven-dried)	-	2.92
Relative Density (SSD)	-	2.96
Relative Density (Apparent)	-	3.02
Water absorption	%	1.1

Test Method Variation : None

Remarks : This test is accredited by ENAS

Signed for and on behalf of Independent Soil Testing Laboratories LLC.

Rajakumar. T
Laboratory Manager



Results relate only to the item tested.

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AGG-RS-051
Rev-00/Jan 19

DETERMINATION OF SHELL CONTENT-PERCENTAGE OF
SHELLS IN COARSE AGGREGATES

Page No. 01 of 01

ISTL Customer : Domus Al Khaleej Cement Products Industries LLC

Report No. : ISTL-121022-096 /05

Information Provided by Customer

Client : Not Provided
Consultant : Not Provided
Contractor : Not Provided
Project Name : Not Provided
Project No. : Not Provided
Project Location : Abu Dhabi, Icad 3
Sample Description : 0-5mm Crushed Fine
Source of Sample : 3/16 Crushed
Sampling Certificate No. : Not Provided
Sampling Location : Domus Stock Yard
Sender Reference No. : Not Provided
Client Reference No. : Not Provided
Sampled by : QC
Sampling Date : 19/09/2022
Lot No. / Lot Size : Not Provided

Laboratory Information

Lab Reference No. : ISTL-121022-096
Lab Project No. : ISTL-882
Lab Sample No. : ISTL-121022-096
Sample Brought by : Client Rep.
Sample Received Date : 12/10/2022
Sample Size (Kg) : 50
Nominal Size (mm) : 0-5
Date Test Started : 13/10/2022
Date Test Completed : 15/10/2022
Date Reported : 21/10/2022
Tested By : VMG
Sampling Method : BS EN 932-1:1997
Sample Preparation Method : BS EN 932-2:1999
Test Method : BS EN 933-7:1998
Size of fraction tested (D_i/d_i) : 8 mm

TEST RESULTS

Percentage retained on 4mm sieve : Nil

TEST DESCRIPTION	UNIT	RESULTS
Shell Content	%	NIL

Test Method Variation : None

Remarks : This test is accredited by ENAS

Signed for and on behalf of Independent Soil Testing Laboratories LLC.


Rajakumar. T
Laboratory Manager

Results relate only to the item tested.

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Rev-00/Jan 19

REPORT ON SOUNDNESS OF AGGREGATE BY MAGNESIUM SULFATE (MgSO₄)

ISTL Customer : Domus Al Khaleej Cement Products Industries LLC

Information Provided by Customer

Client : Not Provided
Consultant : Not Provided
Contractor : Not Provided
Project Name : Not Provided
Project No. : Not Provided
Project Location : Abu Dhabi, Icad 3
Sample Description : 0-5mm Crushed Fine
Source of Sample : 3/16 Crushed
Sampling Certificate No. : Not Provided
Sampling Location : Domus Stock Yard
Sender Reference No. : Not Provided
Client Reference No. : Not Provided
Sampled by : QC
Sampling Date : 19/09/2022
Lot No. / Lot Size : Not Provided

Page No. 01 of 01

Report No. : ISTL-121022-096 /06

Laboratory Information

Lab Reference No. : ISTL-121022-096
Lab Project No. : ISTL-882
Lab Sample No. : ISTL-121022-096
Sample Brought by : Client Rep.
Sample Received Date : 12/10/2022
Sample Size (Kg) : 50
Nominal Size (mm) : 0-5
Date Test Started : 13/10/2022
Date Test Completed : 21/10/2022
Date Reported : 21/10/2022
Tested by : VMG
Sampling method : ASTM D75/D75M-19
Sample Preparation Method : ASTM C88/C88M-18 Cls.6 & 7
Test Method : ASTM C88/C88M-18

Solution Used : MgSO₄

Specific Gravity of Solution : 1.301

Age of Solution : Fresh

Percentage material retained on 4.75 mm test sieve : 0

Number of Cycles : 5

Percentage material passing on 4.75 mm test sieve : 100

TEST RESULTS

Test sieve size	Grading of Original sample, Percent	Mass of Test Fraction Before Test, g	Percentage passing designated sieve after test	Weighted Percentage Loss
Minus 300 µm	14			
300 µm to 150 µm				
600 µm to 300 µm	12	100	4.2	0.5
1.18 to 600 µm	18	100	3.9	0.7
2.36 mm to 1.18 mm	18	100	4.4	0.8
4.75 mm to 2.36 mm	31	100	4.8	1.5
9.5 mm to 4.75 mm	7	100	4.3	0.3
TOTAL OF FINE AGGREGATES	100			4
63 mm - 50 mm				
50 mm - 37.5 mm				
37.5 mm - 25.0 mm				
25.0 mm - 19.0 mm				
19.0 mm - 12.5 mm				
12.5 mm - 9.50 mm				
9.50 mm - 4.75 mm	-	-	-	-
TOTAL OF COARSE AGGREGATES				

QUALITATIVE EXAMINATION OF COARSE SIZE AGGREGATES

Sieve size	No. of Particles	Splitting		Crumbling		Cracking		Flaking		No. of particles after test
		No.	%	No.	%	No.	%	No.	%	
63.0 mm - 37.5 mm	-	Nil	Nil	NIL	NIL	NIL	NIL	NIL	NIL	-
37.5 - 19.0 mm	-	Nil	Nil	NIL	NIL	NIL	NIL	NIL	NIL	-
Total percentage weight loss calculated against the initial grading:										4

Test Method Variation : None

Remarks : This test is accredited by ENAS.

Signed for and on behalf of Independent Soil Testing Laboratories LLC.

Rajakumar. T
Laboratory Manager

Results relate only to the item tested.

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AGG-RS-019a
Rev-00/Jun 21

DETERMINATION OF PARTICLE SIZE DISTRIBUTION -SIEVING METHOD

Page No. 01 of 01

ISTL Customer : Domus Al Khaleej Cement Products Industries LLC

Report No. : ISTL-121022-094 /01

Information Provided by Customer

Client : Not Provided
Consultant : Not Provided
Contractor : Not Provided
Project Name : Not Provided
Project No. : Not Provided
Project Location : Abu Dhabi, Icad 3
Sample Description : 0-2mm Crushed Sand
Source of Sample : Crushed Sand
Sampling Certificate No. : Not Provided
Sampling Location : Domus Stock Yard
Sender Reference No. : Not Provided
Client Reference No. : Not Provided
Sampled by : QC
Sampling Date : 19/09/2022
Lot No. / Lot Size : Not Provided

Laboratory Information

Lab Reference No. : ISTL-121022-094
Lab Project No. : ISTL-882
Lab Sample No. : ISTL-121022-094
Sample Brought by : Client Rep.
Sample Received Date : 12/10/2022
Sample Size (Kg) : 50
Nominal Size (mm) : 0-2
Date Test Started : 13/10/2022
Date Test Completed : 15/10/2022
Date Reported : 21/10/2022
Tested By : VMG
Sampling Method : BS EN 932-1:1997
Sample Preparation Method : BS EN 932-2:1999
Test Method : BS EN 933-1:2012
Method of Analysis : Washing & Sieving

Size of test portion (g) : 359.6

TEST RESULTS

Sieve Size (mm)	Cumulative Percentage Passing
4.75	100
2.36	99
1.18	59
0.600	36
0.300	20
0.150	10
0.075	3

Test Method Variation : None

Remarks : This test is accredited by ENAS

Signed for and on behalf of Independent Soil Testing Laboratories LLC.

Rajakumar. T
Laboratory Manager



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SO-RS-001
Rev-00/Jan 19

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DETERMINATION OF CLAY, SLIT AND DUST

Page No. 01 of 01

ISTL Customer : Domus Al Khaleej Cement Products Industries LLC

Report No. : ISTL-121022-094 /02

Information Provided by Customer

Client : Not Provided
Consultant : Not Provided
Contractor : Not Provided
Project Name : Not Provided
Project No. : Not Provided
Project Location : Abu Dhabi, Icad 3
Sample Description : 0-2mm Crushed Sand
Source of Sample : Crushed Sand
Sampling Certificate No. : Not Provided
Sampling Location : Domus Stock Yard
Sender Reference No. : Not Provided
Client Reference No. : Not Provided
Sampled by : QC
Sampling Date : 19/09/2022
Lot No. / Lot Size : Not Provided

Laboratory Information

Lab Reference No. : ISTL-121022-094
Lab Project No. : ISTL-882
Lab Sample No. : ISTL-121022-094
Sample Brought by : Client Rep.
Sample Received Date : 12/10/2022
Sample Size (Kg) : 50
Nominal Size (mm) : 0-2
Date Test Started : 13/10/2022
Date Test Completed : 15/10/2022
Date Reported : 21/10/2022
Tested By : VMG
Sampling Method : BS EN 932-1:1997
Sample Preparation Method : BS EN 932-2:1999
Test Method : BS EN 933-1:2012
Method of Analysis : Washing & Sieving

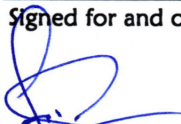
TEST RESULTS

TEST DESCRIPTION	UNIT	RESULTS
Clay, slit and dust (Passing 75µm)	% by mass	2.9

Test Method Variation : None

Remarks : This test is accredited by ENAS.

Signed for and on behalf of Independent Soil Testing Laboratories LLC.


Rajakumar. T
Laboratory Manager

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Rev-00/Jan 19

REPORT ON CHEMICAL ANALYSIS

Page No. 01 of 01

ISTL Customer : Domus Al Khaleej Cement Products Industries LLC

Report No. : ISTL-121022-094 /03

Information Provided by Customer

Client : Not Provided
Consultant : Not Provided
Contractor : Not Provided
Project Name : Not Provided
Project No. : Not Provided
Project Location : Abu Dhabi, Icad 3
Sample Description : 0-2mm Crushed Sand
Source of Sample : Crushed Sand
Sampling Certificate No. : Not Provided
Sampling Location : Domus Stock Yard
Sender Reference No. : Not Provided
Client Reference No. : Not Provided
Sampled by : QC
Sampling Date : 19/09/2022
Lot No. / Lot Size : Not Provided

Laboratory Information

Lab Reference No. : ISTL-121022-094
Lab Project No. : ISTL-882
Lab Sample No. : ISTL-121022-094
Sample Brought by : Client Rep.
Sample Received Date : 12/10/2022
Sample Size (Kg) : 50
Nominal Size (mm) : 0-2
Date Test Started : 13/10/2022
Date Test Completed : 17/10/2022
Date Reported : 21/10/2022
Tested By : WIN
Sampling Method : BS EN 932-1:1997
Sample Preparation Method : BS EN 932-2:1999
BS 1377-1:2016


TEST RESULTS

TEST DESCRIPTION	TEST METHOD	UNIT	TEST RESULT
*Acid Soluble Sulphate Content (SO ₃)	BS EN 1744-1:2009 + A1:2012 Cls. 12.4	%	0.08
*Acid Soluble Chloride Content (Cl)	BS EN 1744-5:2006 Cls. 9	%	0.01
Organic Matter Content	BS 1377-3:2018 Cls.4.5.6	%	<0.1

Test Method Variation : None

Remarks : * This test is accredited by ENAS.

Signed for and on behalf of Independent Soil Testing Laboratories LLC.


Mathew Manaloor
Technical Manager - CME

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DETERMINATION OF PARTICLE DENSITY AND WATER ABSORPTION

Page No. 01 of 01

ISTL Customer : Domus Al Khaleej Cement Products Industries LLC

Report No. : ISTL-121022-094 /04

Information Provided by Customer

Client : Not Provided
Consultant : Not Provided
Contractor : Not Provided
Project Name : Not Provided
Project No. : Not Provided
Project Location : Abu Dhabi, Icad 3
Sample Description : 0-2mm Crushed Sand
Source of Sample : Crushed Sand
Sampling Certificate No. : Not Provided
Sampling Location : Domus Stock Yard
Sender Reference No. : Not Provided
Client Reference No. : Not Provided
Sampled by : QC
Sampling Date : 19/09/2022
Lot No. / Lot Size : Not Provided

Laboratory Information

Lab Reference No. : ISTL-121022-094
Lab Project No. : ISTL-882
Lab Sample No. : ISTL-121022-094
Sample Brought by : Client Rep.
Sample Received Date : 12/10/2022
Sample Size (Kg) : 50
Nominal Size (mm) : 0-2
Date Test Started : 13/10/2022
Date Test Completed : 16/10/2022
Date Reported : 21/10/2022
Tested By : VMG
Sampling Method : BS EN 932-1:1997
Sample Preparation Method : BS EN 932-2:1999
Test Method : BS EN 1097-6:2013 Cls.
Size of fraction tested (D_v/d_v) :

TEST RESULTS

TEST DESCRIPTION	UNIT	RESULTS
Relative Density (Oven-dried)	-	2.88
Relative Density (SSD)	-	2.92
Relative Density (Apparent)	-	3.00
Water absorption	%	1.4

Test Method Variation : None

Remarks : This test is accredited by ENAS

Signed for and on behalf of Independent Soil Testing Laboratories LLC.

Rajakumar. T
Laboratory Manager



Results relate only to the item tested.

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AGG-RS-051
Rev-00/Jan 19

DETERMINATION OF SHELL CONTENT-PERCENTAGE OF
SHELLS IN COARSE AGGREGATES

Page No. 01 of 01

ISTL Customer : Domus Al Khaleej Cement Products Industries LLC

Report No. : ISTL-121022-094 /05

Information Provided by Customer

Client : Not Provided
Consultant : Not Provided
Contractor : Not Provided
Project Name : Not Provided
Project No. : Not Provided
Project Location : Abu Dhabi, Icad 3
Sample Description : 0-2mm Crushed Sand
Source of Sample : Crushed Sand
Sampling Certificate No. : Not Provided
Sampling Location : Domus Stock Yard
Sender Reference No. : Not Provided
Client Reference No. : Not Provided
Sampled by : QC
Sampling Date : 19/09/2022
Lot No. / Lot Size : Not Provided

Laboratory Information

Lab Reference No. : ISTL-121022-094
Lab Project No. : ISTL-882
Lab Sample No. : ISTL-121022-094
Sample Brought by : Client Rep.
Sample Received Date : 12/10/2022
Sample Size (Kg) : 50
Nominal Size (mm) : 0-2
Date Test Started : 13/10/2022
Date Test Completed : 13/10/2022
Date Reported : 21/10/2022
Tested By : VMG
Sampling Method : BS EN 932-1:1997
Sample Preparation Method : BS EN 932-2:1999
Test Method : BS EN 933-7:1998
Size of fraction tested (D/d) : 4 mm

TEST RESULTS

Percentage retained on 4mm sieve : Nil

TEST DESCRIPTION	UNIT	RESULTS
Shell Content	%	N/A

Test Method Variation : None

Remarks : This test is accredited by ENAS

: This test is not applicable for material doesn't retain on 4mm sieve size.

Signed for and on behalf of Independent Soil Testing Laboratories LLC.

Rajakumar. T
Laboratory Manager



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AGG-RS-049
Rev-00/Jan 19

REPORT ON SOUNDNESS OF AGGREGATE BY MAGNESIUM SULFATE (MgSO₄)

Page No. 01 of 01

ISTL Customer : Domus Al Khaleej Cement Products Industries LLC

Report No. : ISTL-121022-094 /06

Information Provided by Customer

Client : Not Provided
 Consultant : Not Provided
 Contractor : Not Provided
 Project Name : Not Provided
 Project No. : Not Provided
 Project Location : Abu Dhabi, Icad 3
 Sample Description : 0-2mm Crushed Sand
 Source of Sample : Crushed Sand
 Sampling Certificate No. : Not Provided
 Sampling Location : Domus Stock Yard
 Sender Reference No. : Not Provided
 Client Reference No. : Not Provided
 Sampled by : QC
 Sampling Date : 19/09/2022
 Lot No. / Lot Size : Not Provided

Laboratory Information

Lab Reference No. : ISTL-121022-094
 Lab Project No. : ISTL-882
 Lab Sample No. : ISTL-121022-094
 Sample Brought by : Client Rep.
 Sample Received Date : 12/10/2022
 Sample Size (Kg) : 50
 Nominal Size (mm) : 0-2
 Date Test Started : 13/10/2022
 Date Test Completed : 21/10/2022
 Date Reported : 21/10/2022
 Tested by : VMG
 Sampling method : ASTM D75/D75M-19
 Sample Preparation Method : ASTM C88/C88M-18 Cls.6 & 7
 Test Method : ASTM C88/C88M-18

Solution Used : MgSO₄ Specific Gravity of Solution : 1.301
 Age of Solution : Fresh Percentage material retained on 4.75 mm test sieve : 0
 Number of Cycles : 5 Percentage material passing on 4.75 mm test sieve : 100

TEST RESULTS

Test sieve size	Grading of Original sample, Percent	Mass of Test Fraction Before Test, g	Percentage passing designated sieve after test	Weighted Percentage Loss
Minus 300 µm	20			
300 µm to 150 µm				
600 µm to 300 µm	16	100	6.3	1
1.18 to 600 µm	23	100	5.7	1.3
2.36 mm to 1.18 mm	40	100	6.5	2.6
4.75 mm to 2.36 mm	1	100	6.5	0.1
9.5 mm to 4.75 mm	-	-	-	-
TOTAL OF FINE AGGREGATES	100			5
63 mm - 50 mm				
50 mm - 37.5 mm				
37.5 mm - 25.0 mm				
25.0 mm - 19.0 mm				
19.0 mm - 12.5 mm				
12.5 mm - 9.50 mm				
9.50 mm - 4.75 mm	-	-	-	-
TOTAL OF COARSE AGGREGATES				

QUALITATIVE EXAMINATION OF COARSE SIZE AGGREGATES

Sieve size	No. of Particles	Splitting		Crumbling		Cracking		Flaking		No. of particles after test
		No.	%	No.	%	No.	%	No.	%	
63.0 mm - 37.5 mm	-	Nil	Nil	NIL	NIL	NIL	NIL	NIL	NIL	-
37.5 - 19.0 mm	-	Nil	Nil	NIL	NIL	NIL	NIL	NIL	NIL	-
Total percentage weight loss calculated against the initial grading:										5

Test Method Variation : None

Remarks : This test is accredited by ENAS.

Signed for and on behalf of Independent Soil Testing Laboratories LLC.

Rajakumar. T
 Laboratory Manager

Results relate only to the item tested.

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 Rev-00/Jun 21

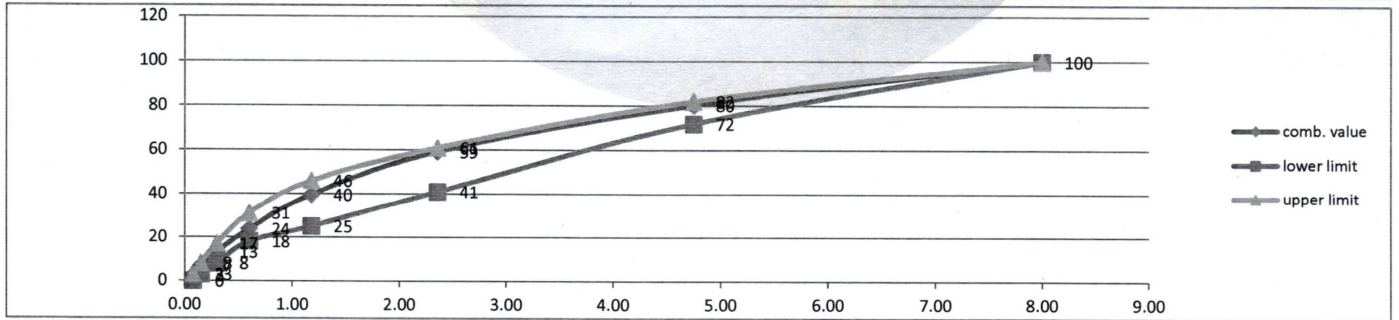
REPORT ON COMBINED GRADING

Page 01 of 01

Client	: Domus Al Khaleej Cement Products Industries LLC	Report No.	: ISTL-121022-092
Consultant	: Not Provided	Date Reported	: 15/10/2022
Contractor	: Not Provided	Lab Reference No.	: ISTL-121022-092
Project Name	: Not Provided	Lab Project No.	: ISTL-C-882
Project No.	: Not Provided	Lab Sample No.	: ISTL-121022-092
Project Location	: Abu Dhabi, Icad 3	Sampled by	: Client
Sample Description	: Combined Aggregate Grading (0-8, 0-2, 0-5 Washed, 0-5 Crushed)	Sample Brought by	: Client
Source of Sample	: Rak Crushed	Sampling Date	: 19/09/2022
Sample Identification	: Combined Aggregate Grading (0-8, 0-2, 0-5 Washed, 0-5 Crushed)	Sample Received Date	: 12/10/2022
Sampling Location	: Stockyard	Date Test Started	: 13/10/2022
Sender Reference No.	: Not Provided	Date Test Completed	: 15/10/2022
Client Reference No.	: Not Provided	Nominal Size (mm)	: 0-8
Sampling Method	: ASTM D75/D75M-19	Sample Size (Kg)	: 50
Sample Prep. Method	: BS EN 933-1:2012	Lot No. / Lot Size	: NP
Test Method	: BS EN 933-1:2012	Tested By	: SPS
Sieve test report No.(0-8mm)	: ISTL-121022-093/1	Sieve test report No.(0-5mm)	: ISTL-121022-095/1
Sieve test report No.(0-2mm)	: ISTL-121022-094/1	Sieve test report No.(0-5mm)	: ISTL-121022-096/2

TEST RESULT

INGREDIENTS	0-8mm Crushed Aggregates		0-5mm Washed Sand		0-5mm Crushed Aggregate		0-2mm Crushed Aggregate		COMB. GRADING	SPECIFIED LIMITS	
	SHARE (%)	18.0	31.0	31.0	20.0	LOWER	UPPER				
	8.00	100	18.0	100	31.0	100	31.0	100	20.0	100	100
	4.75	12.3	2.2	94.2	29.2	93.3	28.9	100	20.0	80	72
	2.36	1.1	0.2	64.8	20.1	62.1	19.3	98.7	19.7	59	41
	1.18	0	0.0	45.3	14.0	44.2	13.7	59.2	11.8	40	25
	0.600	0	0.0	27.4	8.5	25.6	7.9	36.4	7.3	24	18
	0.300	0	0.0	15.3	4.7	14.1	4.4	20.1	4.0	13	8
	0.150	0	0.0	7.1	2.2	8.4	2.6	10.3	2.1	7	3
	0.075	0	0.0	2.6	0.8	2.8	0.9	2.9	0.6	2	0



Test Method Variation : None
Remarks : None

Signed for and on behalf of Independent Soil Testing Laboratories LLC.

Rajakumar.T
Laboratory Manager



Results relate only to the item tested.

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Issue No. 01

Independent Soil Testing Laboratories. L.L.C

MW/5, Near NMDC, Mussafah, Abu Dhabi, U.A.E

P.O. Box :145843, Tel: +971 2 5553232

Email: istlab@outlook.com, Website: www.istl.ae

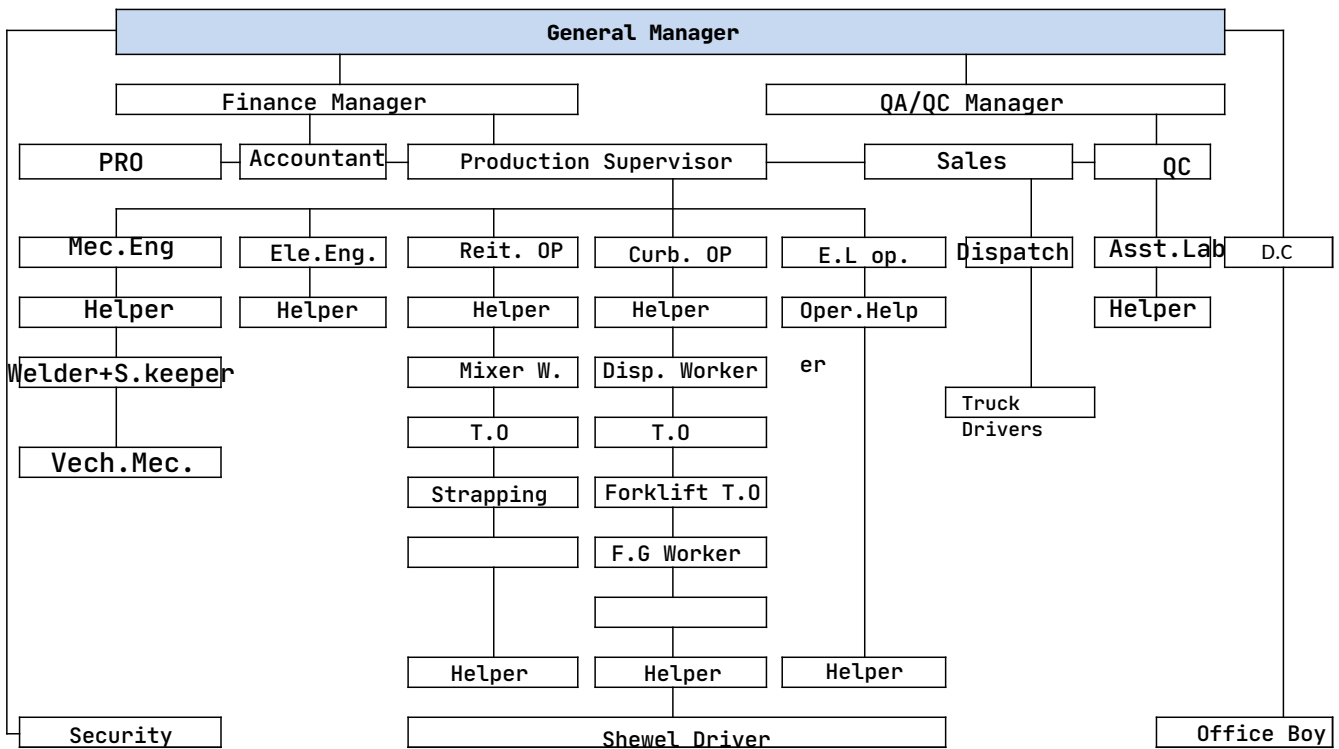
مختبرات المستقلة لفحص التربة ذ.م.م.

م.ع.م - هـ - با لغرب من ان ام دي سي , مصعب , أبو ظبي , ا.ع.م

ص.ب: ١٤٥٨٤٣ , هاتف: +٩٧١ ٦ ٥٥٥ ٣٢٣٢

البريد الإلكتروني: istlab@outlook.com , الموقع الإلكتروني: www.istl.ae

FACTORY ORGANIZATION CHART



CHAPTER TWO

RANGE OF PRODUCTS & TECHNICAL INFORMATION

- **Chapter Two:**

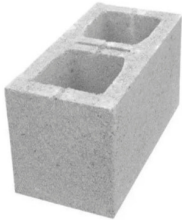
- Product Masonry Blocks.
- Hollow Blocks Data Sheet.
- Solid Blocks Data Sheet.
- Thermal Blocks Data Sheet.



MASONRY PRODUCTS LIST

DOMUS

HOLLOW BLOCKS 8"



HOLLOW BLOCKS 4"



HOLLOW BLOCKS 6"



SOLID BLOCKS 8"



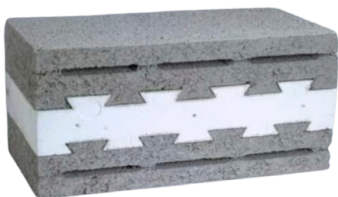
SOLID BLOCKS 6"



SOLID BLOCKS 4"



**THERMAL
BLOCKS 8"**





MASONRY PRODUCTS

DOMUS

SOLID BLOCKS

8" SOLID BLOCKS 40 X 20 X 20

THE THICKNESS OF STONE(CM)	20
AREA PER STONE (CM2)	800
STONE / M2	12.5
WEIGHT KG / M2	37

6 " SOLID BLOCKS 40 X 20 X 15

THE THICKNESS OF STONE(CM)	15
AREA PER STONE (CM2)	800
STONE / M2	12.5
WEIGHT KG / M2	27

4" SOLID BLOCKS 40 X 20 X 10

THE THICKNESS OF STONE(CM)	10
AREA PER STONE (CM2)	800
STONE / M2	12.5
WEIGHT KG / M2	17

HOLLOW BLOCKS

8" HOLLOW BLOCKS 40 X 20 X 20

THE THICKNESS OF STONE(CM)	20
AREA PER STONE (CM2)	800
STONE / M2	12.5
WEIGHT KG / M2	

6" HOLLOW BLOCKS 40 X 20 X 15

THE THICKNESS OF STONE(CM)	15
AREA PER STONE (CM2)	800
STONE / M2	12.5
WEIGHT KG / M2	18

4" HOLLOW BLOCKS 40 X 20 X 10

THE THICKNESS OF STONE(CM)	10
AREA PER STONE (CM2)	800
STONE / M2	12.5
WEIGHT KG / M2	14

CHAPTER THREE

RANGE OF PRODUCTS & TECHNICAL INFORMATION

- **Chapter Three**

- Product Paving Tiles.
- Paving Tiles Data Sheet.
- Mix Design For Interlock



PAVING PRODUCTS

NO.	Paving Products	Dimensions Thickness	Strength	Layout
1	UNI -Shape	60 mm & 80 mm	55	
2	Rectangular	200 x 100 60 mm x 80 mm	55	
3	Rectangular	300 x 200 60 mm	55	
4	Rectangular	400 x 200 60 mm	55	
5	Rectangular	400 x 300 60 mm	55	
6	LaPlaza	60 mm	55	
7	Cube	100 x 100 60 mm & 80 mm	55	
8	Square	200 x 200 60 mm & 80	55	
9	Square	400 x 400 60 mm	55	

PAVING PRODUCTS COLORS



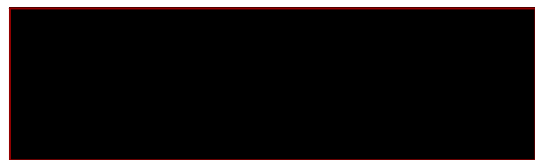
Gray



Yellow



Red



Black

NOTE

1. ABOVE COLORS DO NOT EXPRESS THE REAL COLORS, FOR THE REAL COLORS PLEASE REFER TO OUR SAMPLES.
WE ARE ONLY INTERESTED IN THE PRODUCTION OF: GREY, BLACK, RED, AND YELLOW,

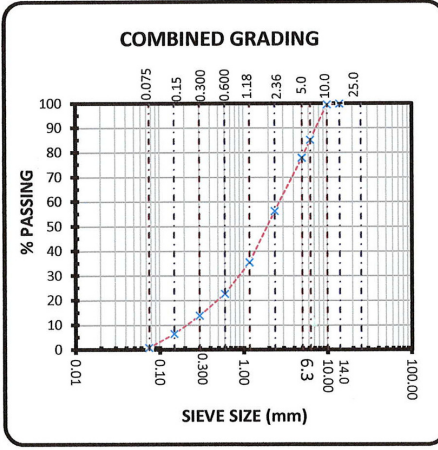
MIX DESIGN FOR INTERLOCK



DOMUS AL KHALEEJ CEMENT PRODUCT INDUSTRIES,LLC

MIX DESIGN									
Pre - Cast Concrete Paving Blocks.									
Req'tments	Water cement ratio (w/c)	cement ratio in total water(w/c)	Agg. Max. Size (mm)	Air Voids %	Cement Cont. Kg	Type	Gs	2-Oct-2021 Saturday	
	0.38	0.37	10	3.0 %	450	OPC	3.15		

Aggregates	Type	10mm	5mm C.W	--3mm San	COMBINED
	Prop	20.0 %	60.0 %	20.0 %	
Gs	2.730	2.840	2.820		2.814
Abs	0.9 %	1.80 %	1.8 %		1.6 %
M.C	0.0 %	2.0 %	3.0 %		1.8 %
Grading:					% Passing
14.0	100	100	100		100
10.0	99	100	100		100
5.0	44	82	100		78
2.36	19	55	98		56
1.18	2	35	71		36
0.600	0	21	51		23
0.300		14	28		14
0.150		6	15		6.6
0.075		1	2		1.0



Sr.	DESCRIPTION	Volume (L)	Batch SSD	Corr.Weight(Kg)
1	CEMENT	142.9	450.0	450
2	Free water	171.0	171.0	167.8
3	Air Voids (@ 3 %)	30.0	-	-
4	Admixture (@0.5%by wt. cement)	1.9	2.3	2.3
5	Pigment (@0%by wt. cement)	0.0	0.0	0.0
5	Total Aggregates Quantities	654.2	1840.9	1844.1
6	Absorbed Water (@ 1.6 %)	29.5	29.5	29.5
7	Moisture Contant (@ 1.8%)	33.2	33.2	33.2
9	C.Agg. 10mm crushed agg. 20.0 %	130.8	368.2	364.9
10	F.Agg. 0 - 5 Crushed Sand 60.0 %	392.5	1104.5	1106.7
11	F.Agg. 0 - 3 Washed Sand 20.0 %	130.8	368.2	372.5
12				
Totals		1000.0	2464.2	

Note: The water volume may defer depends on the moisture level in the material.

QC/Lab.Tech

Engineer



CHAPTER FOUR

RANGE OF PRODUCTS & TECHNICAL INFORMATION

- **Chapter Four:**
 - Kerbstone Data Sheets.
 - Other Documents Organizing.
 - Mix Design for Concrete.
 - Mix Design for Interlock.
 - Factory Location.



THE TECHNICAL DATASHEET FOR KERBESTON

MINIMUM TRANSVERSE STRENGTH 22.2KN

MAXIMUM CHLORIDE CONTENTS 0.04 (BY WEIGHT OF DRIED CONCRETE)

MAXIMUM LIMIT OF WATER ABSORPTION 3.0% BY MASS

COMPRESSIVE STRENGTH MIN 40.0 N/MM²

MINIMUM CEMENT USED 430 KG/M³ OF DRIED CONCRETE

KERBS ARE MANUFACTURED BY 400T HYDRAULIC PRESSES. QUALITY TEST CARRIED OUT BY INTERNAL AND EXTERNAL LABORATORY.

Descriptions	Height (mm)	Width (mm)	Length (mm)
Upstand / Flush / Bullnose	255	125	915
Upstand / Flush / Bullnose	300	200	600
Upstand / Flush / Bullnose	305	150	915
Upstand / Flush / Bullnose	350	200/150	600
Upstand / Flush / Bullnose	380	200/150	600
Upstand / Flush / Bullnose	400	200/150	600
Upstand / Flush / Bullnose	420	200/150	600
Upstand / Flush / Bullnose	440	200/150	600
Upstand / Flush / Bullnose	540	200/150	600

MIX DESIGN FOR CONCRETE KERBS



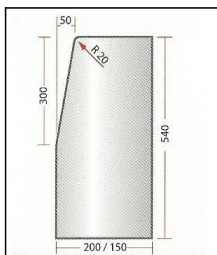
<u>Material Description</u>	<u>Percentage</u>
3/4" Aggregate	35.0
3/8 " Aggregate	5.0
3/16 " Crushed Sand Dune	45.0
Sand	15.0
Cement	430 kg/m ³
Water Cement Ratio	0.40

Aggregate Source: **Al Futtaim Crusher .**

Dune Sand: **Al Ain.**

Cement: **Star Cement Factory, Abu Dhabi.**

KERBSTONE TECHNICAL DATA

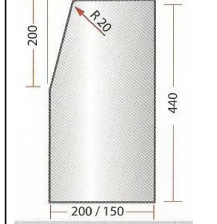


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600X540X150

CH300

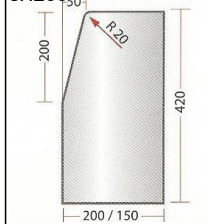


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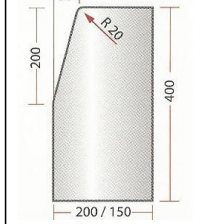


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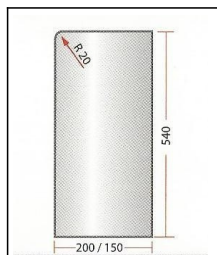


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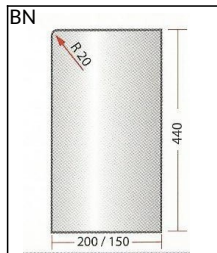
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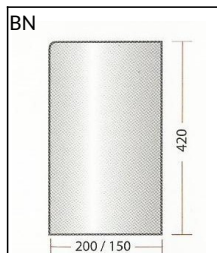
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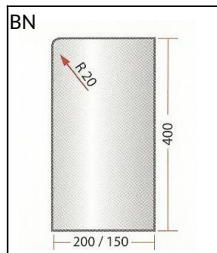
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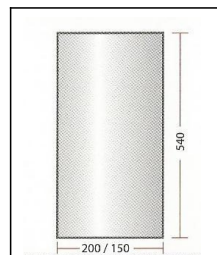


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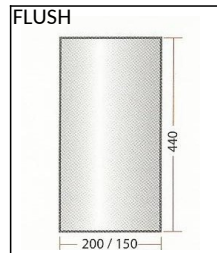
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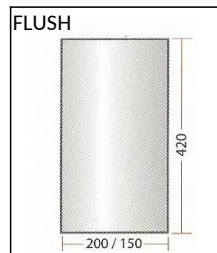
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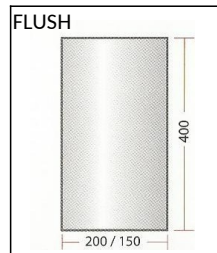
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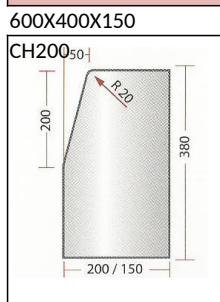
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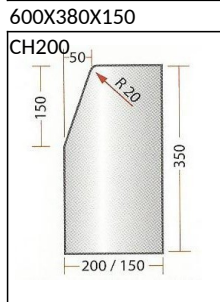
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KERBSTONE TECHNICAL DATA

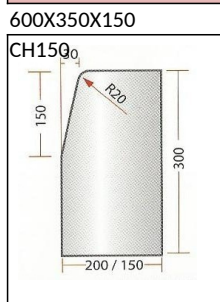
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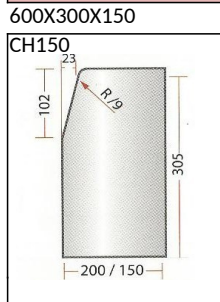
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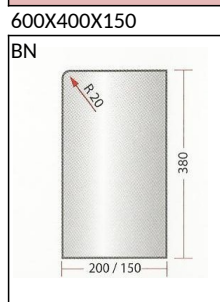


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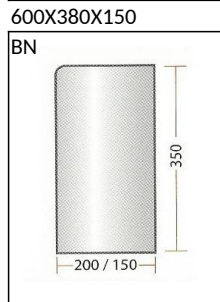


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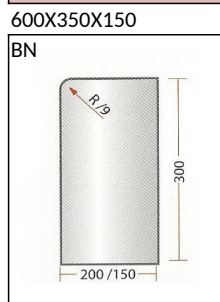
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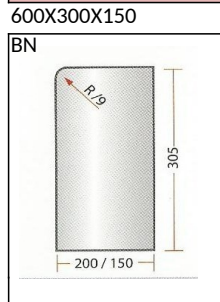
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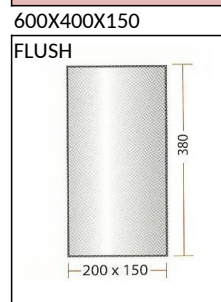
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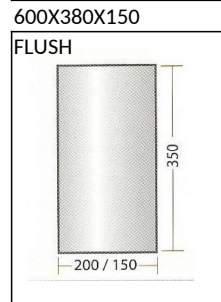
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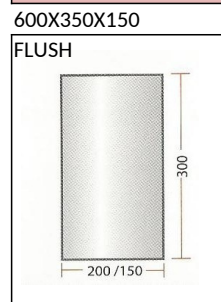
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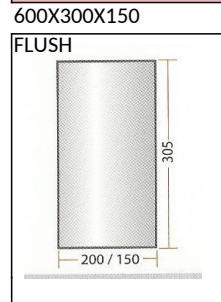
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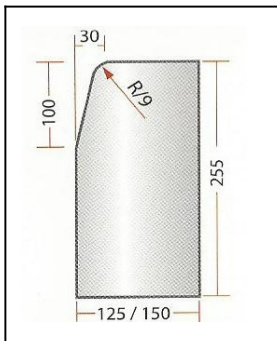
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915X305X150
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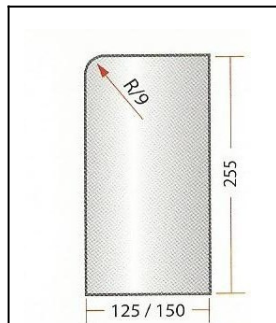


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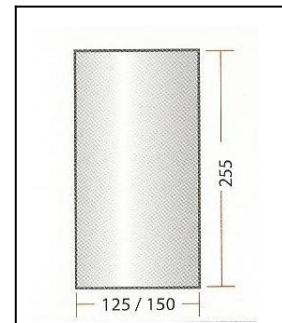


915X255X150

BN

915X255X125

BN



915X255X150


FLUSH


915X255X125


FLUSH

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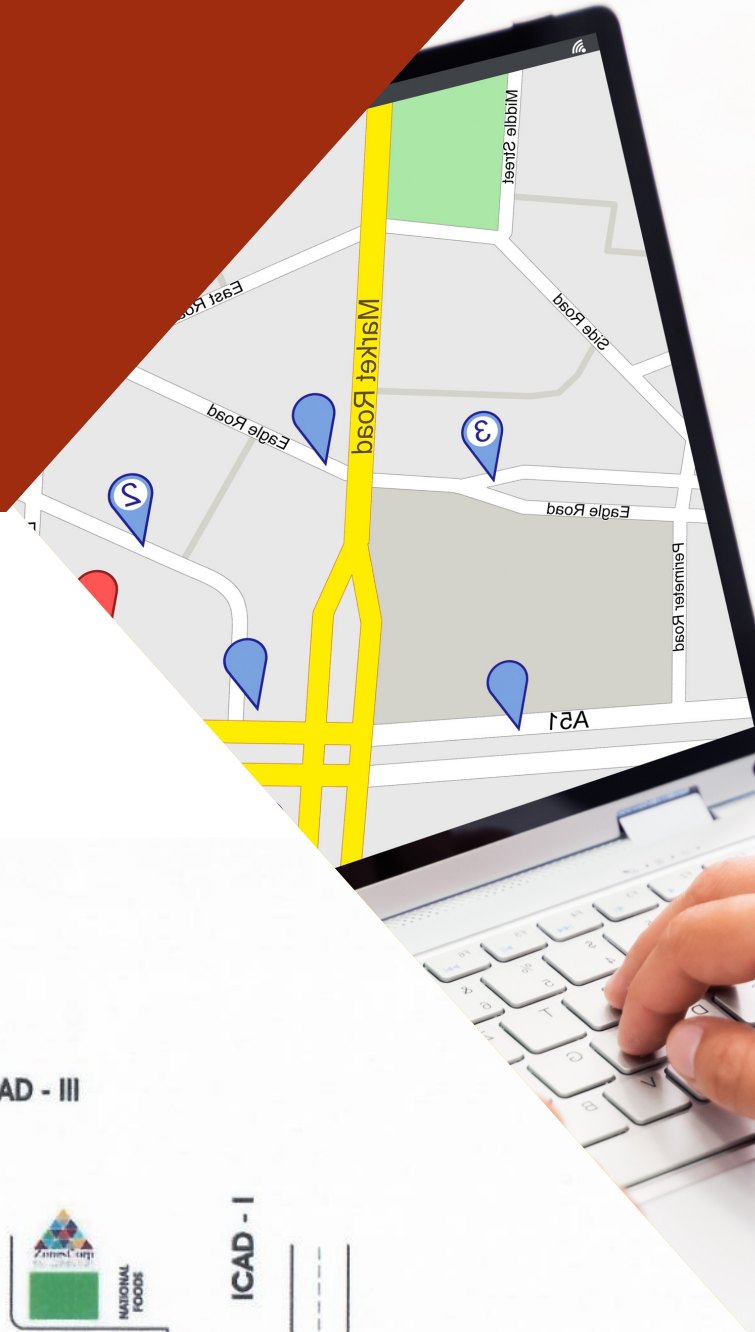
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 info@domusblocks.com

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