



بورسلان PORCELLAN

Pre-Qualification documents



TABLE OF CONTENTS

OVERVIEW	3
OUR VISION	4
OUR MISSION	4
OUR VALUES	4
OUR OBJECTIVES	5
PORCELLAN AT A GLANCE	6
PRODUCTION PROCESS	7-8
PRODUCT PORTFOLIO	9
TYPES	10
PRODUCT SIZES AND PACKING DETAILS	11
TECHNICAL FEATURES AT A GLANCE	12
ENVIRONMENTAL POLICY	13
HEALTH AND SAFETY POLICY STATEMENT	14
QUALITY POLICY	14
MAJOR PROJECTS	15-28
TECHNICAL FEATURES - GLAZED TILES	32
TECHNICAL FEATURES - POLISHED / UNPOLISHED TILES	33
LICENSES & CERTIFICATES	34-69



OVERVIEW

Porcellan Co. LLC is a United Arab Emirates based company, spread over an area of 765,000 square meters in Abu Dhabi area. Founded in 2006, it plays a key role within the strong local and regional presence of Jamal Al-Ghurair Group (JAG) by decisively re-defining the concept of porcelain tiles.

Its effective sales network reaches key distributors in over 25 countries in the Middle East, Africa, Asia and Europe. Porcellan serves large-scale distribution channels, specialized dealers, retailers and end-users. The integrated efforts of its workforce along with the latest technologies utilized provided the company with the capability to produce more than 50,000 square meters of tiles per day.

All the products manufactured by Porcellan match the quality and aesthetic criteria of architects, interior designers and homeowners. There is no doubt that the company will set a new benchmark for porcelain in the United Arab Emirates and worldwide.

It is worth mentioning that the company was established by Jamal Al-Ghurair who is accustomed to the nuances of business and commerce at an early age. He recognized the untapped local and regional market for porcelain tiles and bravely directed his vision into building one of the largest porcelain plants.



OUR VISION

Porcellan, is committed to achieving operational excellence and becoming one of the foremost players in the tile industry.

OUR MISSION

At Porcellan, we strive to fully utilize our production capacity and use advanced technology. We transform this into value for developers, distributors, homeowners and all customers through good quality, competitive pricing, product customization, flexibility, on-time delivery and reliability.

OUR VALUES

Identify our CUSTOMERS' NEEDS:

At Porcellan, we believe that customers don't only buy products. They buy good customer service and solutions to their problems and doubts. The more we put our hearts in the work to get closer to customers the more we understand their needs and meet their requirements.

Improve our COMMUNICATION system:

In today's business environment, having the most advanced technology may no longer be adequate to guarantee a competitive advantage. With an effective communication system in place, we want to ensure ideas and thoughts are properly communicated both to employees as well as clients. It is even more important to give clients the chance to share information, suggestions and feedback by checking back regularly to see how things are going and providing a method that invites constructive criticism.

Promote a TEAMWORK culture:

The team members at Porcellan work hand-in-hand to set strategies and goals, share ideas and resolve conflicts quickly. We believe that great things can happen if we work together as one unit.

TEAM = Together Everybody Achieves More

Respect the Nature where we live:

The world is a beautiful place and we are committed to protecting the environment throughout our daily activities.

OUR OBJECTIVES

Our objectives act as a map to our success

PEOPLE:

To maintain a healthy work environment where people are inspired to deliver desired outcomes to our customers

PARTNERS:

To strengthen our business relationship with our suppliers and customers

PRODUCT:

To deliver standard and customized products

PRICE:

To offer our customers competitive prices

PLACE:

To have strong presence in more countries worldwide

PROFIT:

To maximize long-term profits by expanding our sales network

PRODUCTIVITY:

To fully utilize our production capacity

PASSION:

To put our heart in the work to get closer to customers and employees

PLANET:

To be always responsible towards the nature and the society

PORCELLAN AT A GLANCE

5 Pressers of
Ph 6200
from Sacmi

3 Pressers of
Ph 3800
from Sacmi

4 Chroma
Machines
from LB

8 Glazing
Lines

2 Kilns of
218.4m
from Sacmi

2 Kilns of
190.0m
from Sacmi

6 Polishing
Lines

6 Squaring
Lines

2 Digital Printing
Machines

765,000

Square Meters
Total factory area

PRODUCTION PROCESS

RAW MATERIAL

The porcelain tiles process starts by selecting the raw materials required for the body composition of various tiles, which are mainly clays, feldspars, alumina, zirconium, silica sands and kaolins.

Porcellan uses fine and natural raw materials imported from many countries around the world including Spain, Iran, Egypt, etc...

The mixture of raw materials is crushed and then moulded into the required shapes through special shaping processes, and finally fired in kilns at extremely high temperatures.

MILING & GRANULATION

The batched raw materials go into ball mills for grinding, mixing and transforming the ingredients into liquid-like refined granules technically known as “body slip”. To complete this process effectively, Porcellan utilizes advanced ball mills from a leader in supplying all production equipments for the tiles industry, SACMI.

SPRAY DRYING

Most of the water contained in the resulting “body slip” is removed by spray drying to form a powder with low moisture content.

CROMA PRESS FEEDING

The CROMA press feeding unit is an advanced technology from LB company for the production of porcelain tiles with high aesthetic values.

The four CROMA machines at Porcellan make it possible to produce a wide range of technical tiles with “veined” and varied color effects.

In case of glazed products, after spray drying, is pressing and formation

PRESSING & FORMATION

The resulting powder is collected in huge silos before it goes to the SACMI pressers, PH-3800 or PH-6200, to be transformed to the desired body size and shape.

The pressing stage is controlled and regulated by proportional valves, which ensure maximum pressing precision and repeatability over time without any variation in the tiles.

The pressers have high compaction force, high productivity, easy adjustment and consistency in holding the pressing cycle schedule. In addition, the machines are eco-friendly because the consumption level is reduced to the minimum by eliminating energy use during stops.

All the SACMI branded pressers at Porcellan have an operating pressure of 3,800 tons or 6,200 tons. This allows the production of various tile sizes ranging from 30x30 cm to 1x1 m.



GLAZING

Glazing involves applying one or more coats of silica sand which gives a high-gloss finish and makes the surface very hard, smooth and slip resistant.

Tile glazing is mostly used for residential units since it seals out water, is easy to clean, protects the tile from wear and tear and extends the life of the surface.

FIRING

Firing is a crucial stage within the whole production process. During this stage, the texture of the tile will be adjusted providing the body with strength, size stability, and resistance to chemical agents.

At Porcellan, a state-of-the-art Sacmi kilns, with a total length of 218.4 meters, are used for firing. Recycled and natural gas is used to supply kilns with heat that is then transmitted to the tile body through radiation.

POLISHING

Porcellan has six polishing lines that provide glazed and technical polished products with a mirror-like soft and brilliant surface.

In case of matt products, polishing is not required.

RECTIFICATION

Porcellan has eight squaring lines to deliver products with squared edges and size uniformity. Rectified porcelain tiles can be installed butt-to-butt with minimal grout lines.

SORTING

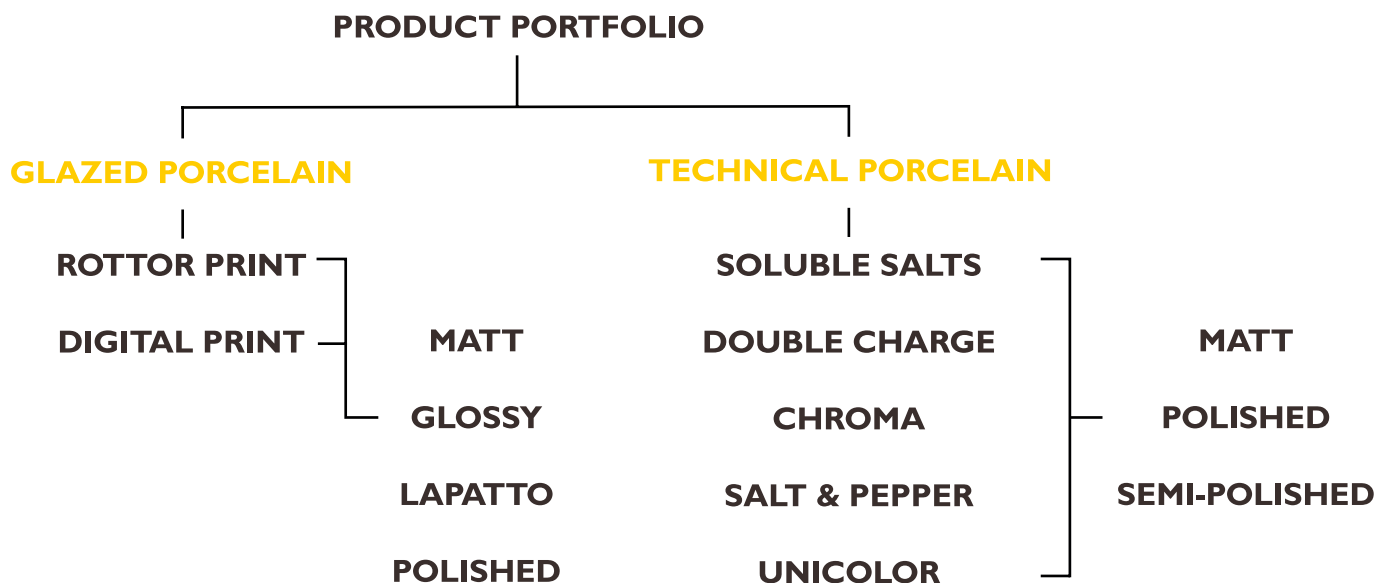
All tiles with surface defect and variation in shade will be eliminated. There are nine advanced sorting lines at Porcellan to automatically check each tile separately and ensure the quality of the products.

PACKING

Tiles are wrapped rigidly with a thick cartoon box around their perimeter to ensure it is safely delivered to the customers.



PRODUCT PORTFOLIO



TYPOLOGIES & TECHNOLOGIES

GLAZED PORCELAIN

Glazed porcelain tiles have a layer of colored glaze which is applied on the tile surface during the manufacturing process. These tiles are resistant to stains and water, easy to clean and hard-wearing, making them good for kitchen counter tops, bathrooms, living rooms and high-traffic residential areas.

TECHNICAL PORCELAIN

Technical porcelain tiles have exceptional technical characteristics since they are crafted using best quality clays and a full body color. They are ideal for buildings, villas, shopping centers, retail shops, hotels, and many other commercial and residential applications.

- **SOLUBLE SALTS:** Contain aquatic compounds of inorganic salts that are applied on the surface of the tile.
- **DOUBLE CHARGE:** This is composed of fine speckle biscuit and micronized topping. The two layers are pressed together prior to firing.
- **SALT & PEPPER:** Produced utilizing a dosing system technology that mixes various color pigments with the body slip resulting in a dot-like appearance. These models are commonly used for industrial and high-traffic areas.
- **CHROMA:** Designed using the Chroma machine from LB, these full-body tiles have exceptional veined and varied color effects.
- **UNICOLOR:** Have the same technical features as soluble salts however these models are full-body single colored.

TYPES & TECHNOLOGIES *(Continued)*

ROTO PRINTING

Roto printing is a four silicon roller with the highest synchronism & precision required for decoration & normal printing. The machine flawlessly replicates each design with high precision & clarity. Images of marbles, natural stones, wood etc., printed onto tiles using a Roto printer have a more realistic appearance.

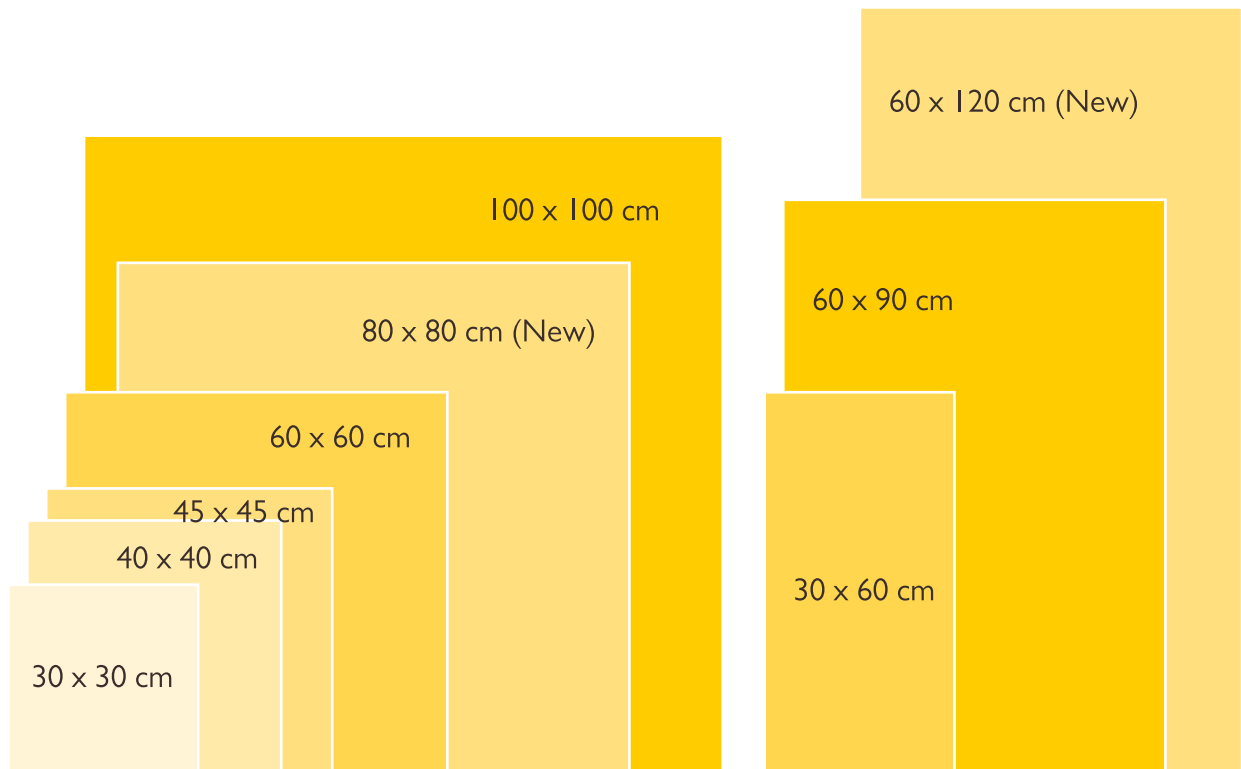
DIGITAL PRINTING

Ink jet printing is one of the latest & a top-notch printer that provides ceramic decoration with unlimited options. Digital printing has revolutionized the ceramic tile decoration, taking the industry to a whole new level of competitiveness and excellence. The print resolution is super fine in exposing the most intricate designs with each detailing appearing absolutely natural and inviting.



efi | cretaprint C3

PRODUCT SIZES AND PACKING DETAILS



SIZE		BOXES			SQUARE PALLETS			EURO PALLETS		
in CM	mm	PCS	Sq.M	KG	Boxes	Sq.M	KG	Boxes	Sq.M	KG
120 x 60	15.0	2	1.44	52.30	20	28.80	1,046.00	-	-	-
100 x 100	14.5	1	1.00	33.00	40	40.00	1,320.00	-	-	-
80 x 80	12.5	3	1.92	54.00	22	42.12	1,188.00	-	-	-
60 x 90	12.0	3	1.62	44.00	22	35.64	968.00	-	-	-
60 x 60	10.0	4	1.44	32.80	30	43.20	984.00	30	43.20	984.00
30 x 60	9.5	6	1.08	22.80	72	77.76	1,642.00	48	51.84	1,094.00
45 x 45	9.5	7	1.42	30.10	56	79.52	1,686.00	48	68.16	1,445.00
40 x 40	9.0	10	1.60	33.00	48	76.80	1,600.00	48	76.80	1,600.00
30 x 30	8.5	12	1.08	21.00	78	84.24	1,638.00	72	77.76	1,512.00

TECHNICAL FEATURES AT A GLANCE

- Monocalibre: One size for all products irrespective of the color
- Microbevelled: Limited distance between the tile edges
- Low Water Absorption
- High Resistant to Deep Abrasion
- High Breaking Strength
- Resistant To Industrial Chemicals and Acids
- Resistant to Household Chemicals
- Color Resistant to Light Exposure
- Resistant to Thermal Shock
- Frost Resistant

Environment Health and Safety Policy

One of the main objectives of Porcellan is to ensure a safe and healthy work environment to all employees and visitors.

Porcellan has a vision to be the global leader in the manufacture of porcelain tiles.

Consistent with its mission and vision, Porcellan Management has established Environment, Health and Safety policy as a guiding principle for setting its specific goals and performance metrics. Porcellan is committed to achieve this policy by adhering to the following principles:

- Comply with all applicable laws, legislations including Abu Dhabi Occupational Safety and Health System Framework (OSHAD SF).
- Establish and implement practices for high standard of Occupational Health and Safety of its employees, visitors, contract personnel.
- Identifying, eliminating/preventing injuries, ill health, hazards and pollution that could cause incidents, illness or environmental harm.
- Ensure that all concerned personnel are aware of the risks of each machine used during the manufacturing process.
- Ensure that all personnel are aware and carry out their health and safety responsibilities as set out in their job descriptions.
- Conducting operations in an environmentally responsible and sustainable manner for optimal use of resources and minimum generation of waste.
- Integrating economic, social and environmental Occupational Health and Safety considerations into decisions to ensure that the measures adopted are cost effective and in proportion to the significance issues being addressed.
- Ensuring the conservation of environment is one of the fundamental considerations in decision making.
- Promoting awareness among contractors, strategic partners public and individuals within the organisation to adhere to high standards of practices to ensure sustainability throughout the community and their responsibility in protecting the environment, Occupational health and safety of the community.
- Monitoring OHS performance in the organisation.
- Periodical review of policy and objectives for suitability.
- Communicating the policy to all employees and making it available to all interested parties.
- Provision of adequate resources for effective implementation of OSHAD SF at Porcellan.
- Continually improve OHS benchmarks by revitalising, renovating and modernising the existing management systems.



CHIEF EXECUTIVE OFFICER

Date: Oct 24th 2018

Document ID: EHS-PCIL-01, Rev-2

QUALITY POLICY

Porcellan is dedicated to do its level best to satisfy its customers. All employees must be able to anticipate customer's needs and continually strive to improve the quality their work and communication.

"ISO 9001:2015 is the backbone of our Quality Management System. We, employees of PORCELLAN, proudly announce our personal duty to listen to, meet our customer's requirements through continuous improvement of our product's quality and customer care".

Enhancing the way we behave towards our customers will contribute to the individual success of every employee and to the business as a whole.

Quality Control department will keep an eye to assure that quality objectives are improved continuously.

Our overall aim is to:

- Observe our client's needs and act proactively to continuously improve our business.
- Eliminate waste during the production process and reduce production costs.
- Improve productivity by doing it right the first time.
- Maintain our machines and equipment's to assure that they are producing defect-free products.
- Control and monitor all production cycles by checking the quality at each stage.
- Decrease the complaints level to the maximum possible by eliminating the root cause for previous ones and ensure that all clients' complaints are handled in a professional manner.
- Drive continual improvement based upon effective business processes, clearly-defined measurements and customers feedback.
- Comply with international quality standards and the requirements of ISO 9001: 2015
- Achieve more international certificates for quality standards.

Jamal Al Ghurair
Chairman

Rev # 03, Dated: 19.10.16



MAJOR PROJECTS



ONGOING / COMPLETED PROJECTS

GCC & MIDDLE EAST

PROJECT NAME : MILLENNIUM VILLAS (198 VILLAS)
 LOCATION : DUBAI (MEYDAN), UAE COMPLETION DATE : 2015
 OWNER : G & CO AND MEYDAN
 CONTRACTOR : GINCO BUILD CONTRACTING
 CONSULTANT : TCHAWLA ARCHITECTS
 TILES USED : RAKEEN, JUMAN, DUROUB, SAHARA SQM USED : 80,000



PROJECT NAME : PREMIER INN HOTEL (3B+P+G+14)
 LOCATION : SHARJAH, UAE COMPLETION DATE : 2014
 OWNER : ACTIONS HOTELS CO.
 CONTRACTOR : AL REHAB BUILD CONT.
 CONSULTANT : INCORPORATED CONSULTANTS
 TILES USED : MAJAZ, DIBAJ SQM USED : 10,000 SQM



PROJECT NAME : JUMEIRAH REAL MALL
 LOCATION : DUBAI, UAE COMPLETION DATE : 2014
 OWNER : AL WASL
 CONTRACTOR : NARESCO CONTRACTING
 CONSULTANT : BELYOUHAH CONSULTANTS
 TILES USED : RAKEEN, ASEEL SQM USED : 27,000 SQM



PROJECT NAME : JAFZA CONVENTIONAL CENTER PROJECT
 LOCATION : DUBAI, UAE COMPLETION DATE : 2014
 OWNER : JAFZA
 CONTRACTOR : HGL
 CONSULTANT : ARENCO
 TILES USED : SARMAD SQM USED : 9,000 SQM



PROJECT NAME : AL RAHA GARDEN
 LOCATION : ABU DHABI, UAE COMPLETION DATE : 2012
 OWNER : SOROUH REAL ESTATE
 CONTRACTOR : CONSTRUCTION GENERAL CONTRACTING HOUSE LTD.
 CONSULTANT : EVAN ARCHITECTURAL & ENGINEERING CONSULTANCY
 TILES USED : DROUB, ELAF SQM USED : 75,000 SQM

Sorouh
Planning their vision



PROJECT NAME : NEW YORK UNIVERSITY
 LOCATION : ABU DHABI, UAE COMPLETION DATE : 2012
 OWNER : MUBADALA DEVELOPMENT COMPANY PJSC
 CONTRACTOR : LAING O'ROURKE
 CONSULTANT : CRANG & BOAKE INC.
 TILES USED : SAHARA SQM USED : 50,000 SQM



PROJECT NAME : WATANI RESIDENTIAL DEVELOPMENT (PHASE 1+2)
 LOCATION : ABU DHABI, UAE COMPLETION DATE : 2012
 OWNER : SOROUH REAL ESTATE PJSC
 CONTRACTOR : TAFSEER CONTRACTING & GEN. MAINTANANCE CO. LLC
 CONSULTANT : EWAN ENGINEERING CONSULTANTS
 TILES USED : DUROUB, ELAF, DIBAJ SQM USED : 250,000 SQM



PROJECT NAME : INTERNATIONAL SHOOTING CLUB
 LOCATION : ABU DHABI, UAE COMPLETION DATE : 2012
 OWNER : H.H SHEIKH HAMAD BIN ZAYED (PRIVATE OFFICE)
 CONTRACTOR : FIBREX INDUSTRIAL & CONSTRUCTION GROUP
 CONSULTANT : ARCH (ABU DHABI)
 TILES USED : JUMEIRAH, JUMAN, DIBAJ SQM USED : 200,000 SQM



PROJECT NAME : AL FALAH DEVELOPMENT (2,000 VILLAS)
 LOCATION : ABU DHABI, UAE COMPLETION DATE : 2011
 OWNER : ALDAR PROPERTIES PJSC
 CONTRACTOR : AL JABER TRANSPORT
 CONSULTANT : W S ATKINS
 TILES USED : BONIAN SQM USED : 300,000 SQM



PROJECT NAME : PARIS SORBONNE UNIVERSITY
 LOCATION : ABUDHABI, UAE COMPLETION DATE : 2010
 OWNER : MUBADALA DEVELOPMENT COMPANY PJSC
 CONTRACTOR : AL HABTOOR ENGINEERING-MURRAY & ROBERTS JV
 CONSULTANT : PARSONS
 TILES USED : JUMEIRAH SQM USED : 50,000 SQM



PROJECT NAME : EMIRATES HOUSING IN AL AIN
 LOCATION : ABU DHABI, UAE COMPLETION DATE : 2012
 OWNER : SOROUH REAL ESTATE PJSC
 CONTRACTOR : PIVOT GENERAL CONTRACTING
 CONSULTANT : KEO INTERNATIONAL CONSULTANTS
 TILES USED : DUROUB, ELAF, DIBAJ, SINDIAN SQM USED : 150,000 SQM



PROJECT NAME : EMIRATES HOUSING IN AL SALEA
 LOCATION : ABU DHABI, UAE COMPLETION DATE : 2012
 OWNER : SOROUH REAL ESTATE PJSC
 CONTRACTOR : PIVOT GENERAL CONTRACTING
 CONSULTANT : KEO INTERNATIONAL CONSULTANTS
 TILES USED : DUROUB, ELAF, DIBAJ, SINDIAN SQM USED : 150,000 SQM



PROJECT NAME : MW-DS-057-2012
 LOCATION : ABU DHABI, UAE COMPLETION DATE : 2011
 OWNER : UAE ARMED FORCES
 CONTRACTOR : CODE GENERAL CONT.
 CONSULTANT : COMMAND OF MILITARY WORKS
 TILES USED : DIBAJ SQM USED : 22,000 SQM



PROJECT NAME : MW-DS-149-2010
 LOCATION : ABU DHABI, UAE COMPLETION DATE : 2011
 OWNER : UAE ARMED FORCES
 CONTRACTOR : SQUARE ENGINEERING
 CONSULTANT : COMMAND OF MILITARY WORKS
 TILES USED : DIBAJ SQM USED : 20,000 SQM



PROJECT NAME : MINISTRY OF EDUCATION
 LOCATION : KUWAIT COMPLETION DATE : 2011
 OWNER : MINISTRY OF HIGHER EDUCATION
 CONTRACTOR :
 CONSULTANT :
 TILES USED : JUMEIRAH, RIMAL, DIBAJ, SARMAD SQM USED : 54,000 SQM



PROJECT NAME : QATAR AIRWAYS (QACA)
 LOCATION : DOHA, QATAR COMPLETION DATE : 2012
 OWNER : QATAR AIRWAYS
 CONTRACTOR : REDCO
 CONSULTANT :
 TILES USED : DIBAJ, ZEINA



PROJECT NAME : ARJ TOWERS
 LOCATION : DUBAI, UAE COMPLETION DATE : 2012
 OWNER : ARJ PROPERTIES - DUBAI
 CONTRACTOR : MODERN EXECUTIVE SYSTEMS CONT. LLC (MESC)
 CONSULTANT :
 TILES USED : KUNOOZ SQM USED : 22,000 SQM



PROJECT NAME : EMIRATES HOUSING AL GHAYATHI
 LOCATION : DUBAI, UAE COMPLETION DATE : 2013
 OWNER : MUSANADA
 CONTRACTOR : ABU DHABI CONTRACTING
 CONSULTANT : W S ATKINS
 TILES USED : DUROUB, MADA SQM USED : 200,000 SQM



PROJECT NAME : AL RUWAIS COMPLEX HOUSING
 LOCATION : ABU DHABI, UAE COMPLETION DATE : 2013
 OWNER : ADNOC
 CONTRACTOR : S K CONTRACTING
 CONSULTANT : ECG
 TILES USED : DUROUB, ELAF, DIBAJ SQM USED : 200,000 SQM



PROJECT NAME : AL GHADEER CITY
 LOCATION : DUBAI, UAE COMPLETION DATE : 2012
 OWNER : SUROUH REAL ESTATE PJSC
 CONTRACTOR : CONSTRUCTION GENERAL CONTRACTING
 CONTRACTOR : TAFSEER CONTRACTING
 TILES USED : BAYAN, DUROUB, ELAF, SINDIAN SQM USED : 125,000 SQM



alghadeer Sorouh
 at the crossroads of the nation

PROJECT NAME : DANET ABU DHABI
 LOCATION : ABU DHABI, UAE
 OWNER : SAIF BIN DARWISH
 CONTRACTOR : SAIF BIN DARWISH
 CONSULTANT : JACOB
 TILES USED : ELAF, JUMEIRAH, BAYAN

COMPLETION DATE : 2011
 SQM USED : 22,154 SQM



PROJECT NAME : MADINA MALL
 LOCATION : DUBAI, UAE
 OWNER : YOSUEF AL SERKAL
 CONTRACTOR : TECHNICAL ENG. GENERAL CO.
 CONSULTANT : ART
 TILES USED : JUMEIRAH

COMPLETION DATE : 2012
 SQM USED : 22,000 SQM



PROJECT NAME : STELLA PROJECT
 LOCATION : MUSCAT, OMAN
 OWNER : STELLA
 CONTRACTOR : AL HABIB
 CONSULTANT :
 TILES USED : MAJLIS

COMPLETION DATE : 2010
 SQM USED : 7,000 SQM



PROJECT NAME : JAIDAH COMMERCIAL TOWER
 LOCATION : DOHA, QATAR
 OWNER : JAIDAH GROUP
 CONTRACTOR : BROOKFIELD MULTIPLEX
 CONSULTANT : M & Z PARTNERS
 TILES USED : ASEEL

COMPLETION DATE : 2012
 SQM USED : 3,000 SQM



PROJECT NAME : I34 VILLAS
 LOCATION : DUBAI, UAE
 OWNER : NAKHEEL
 CONTRACTOR : ARABTEC
 CONSULTANT : DAR AL-HANDASAH
 TILES USED : DIBAJ, RAMAD

COMPLETION DATE : 2014
 SQM USED : 75,000 SQM



PROJECT NAME : DUBAI TRAM PROJECT
 LOCATION : DUBAI, UAE
 OWNER : ROAD AND TRANSPORT AUTHORITY (RTA)
 CONTRACTOR : SIX CONSTRUCT
 CONSULTANT :
 TILES USED : MUROOJ, ASEEL, RAKEEN, JUMEIRAH

COMPLETION DATE : 2014
 SQM USED : 16,000 SQM



PROJECT NAME : MEYDAN HEIGHTS (2,200 VILLAS)
 LOCATION : DUBAI, UAE
 OWNER : AL TAYER GROUP
 CONTRACTOR : EL SEIF CONTRACTING
 CONSULTANT : AE7
 TILES USED :

COMPLETION DATE : ONGOING
 SQM USED : 900,000 SQM



MAJOR CONTRACTS FOR THE LAST THREE YEARS

PROJECT NAME:	Dubai Creek Harbour	YEAR :	2017
LOCATION :	DUBAI	DISCRIPTION:	CONSTRUCTION OF 6 TOWERS
OWNER :	EMAAR		
CONTRACTOR :	AL BASTI & MUKTHA		
CONSULTANT :	ATKINS		
TILES USED :	EARTHSTONE	SQM USED :	200,00



PROJECT NAME:	MARINA GATE 2 & 3	YEAR :	2016-17
LOCATION :	DUBAI	DISCRIPTION:	CONSTRUCTION OF 3 TOWERS
OWNER :	SELECT GROUP		
CONTR ACTOR :	ALEC		
CONSULTANT :	engineering consortium consulting engineers		60,000
TILES USED :	DIBAJ	SQM USED :	80,000



PROJECT NAME:	BLUEWATERS ISLAND PROJECT	YEAR :	2016-17
LOCATION :	DUBAI	DISCRIPTION:	Construction of Retail, Residential, Hospitality buildings and Entertainment Zones
OWNER :	MERAAS DEVELOPMENT / JUMEIRAH GROUP		
CONTRACTOR :	KIER		
CONSULTANT :	ATKINS		
TILES USED :	BLUE WATER, WOODEN FINISH	SQM USED :	200,000



PROJECT NAME:	DAMAC TOWERS BY PARAMOUNT	YEAR :	2016-17
LOCATION :	DOWNTOWN DUBAI	DISCRIPTION:	Construction of Retail, Residential, Hospitality buildings and Entertainment Zones
OWNER :	DAMAC		
CONTRACTOR :	TAV		
CONSULTANT :	KEO		
TILES USED :	ASEEL	SQM USED :	150,000



PROJECT NAME:	G+6 (23 BUILDING)	YEAR :	2017
LOCATION :	SILICON	DISCRIPTION:	23 BUILDING
OWNER :	DUBAI SILICON		
CONTRACTOR :	CHINA STATE CONS,		
CONSULTANT :	AL DAR		
TILES USED :	DUROUB	SQM USED :	20,000



PROJECT NAME:	SCHOOLS PROJECT	YEAR :	2017
LOCATION :	UAE	DISCRIPTION:	CONSTRUCTION OF 22 SCHOOLS
OWNER :	MINISTRY OF EDUCATION		
CONTRACTOR :	EIFM, TORNADO, FUTEH		
CONSULTANT :	UNITED DESIGN		
TILES USED :	JUMAN, ASEEL	SQM USED :	150,000



PROJECT NAME:	STAFF ACCOMIDATION	YEAR :	2017
LOCATION :	DUBAI	DISCRIPTION:	CONSTRUCTION OF 2 BUILDINGS
OWNER :	DUBAI MUNICIPALITY		
CONTRACTOR :	GAMMA CONTRACTING		
CONSULTANT :	ARCH GROUP		
TILES USED :	ASEEL, DIBAJ	SQM USED :	50,000



PROJECT NAME:	73 VILLAS	YEAR :	2017
LOCATION :	AL WARQA - DUBAI	DISCRIPTION:	CONSTRUCTION OF 73 VILLAS IN AL WARQA
OWNER :	ARCH GROUP		
CONTRACTOR :	MARCO		
CONSULTANT :	PMG		
TILES USED :	JIAD, LEWTAN, DIBAJ	SQM USED :	300,00



PROJECT NAME:	CITY WALK	YEAR :	2017
LOCATION :	AL WARQA - DUBAI	DISCRIPTION:	CONSTRUCTION OF 34 RESIDENTIAL BLOCKS
OWNER :	MERAAS DEVELOPMENT		
CONTRACTOR :	ASGC		
CONSULTANT :	HOLFORD		
TILES USED :	CITYWALK, SARMAD	SQM USED :	200,00



PROJECT NAME:	MAG 5 BOULEVARD PROJECT	YEAR :	2017-18
LOCATION :	DUBAI SOUTH	DISCRIPTION:	CONSTRUCTION OF 13 BUILDINGS
OWNER :	MAG		
CONTRACTOR :	FNC		
CONSULTANT :	AL JABAL		
TILES USED :	THUNDER, HIDRO	SQM USED :	350,00



PROJECT NAME:	2 BUILDING G+8	YEAR :	2017-18
LOCATION :	DUBAI	DISCRIPTION:	CONSTRUCTION OF 2 BUILDINGS
OWNER :	SHIKH AHMED ALTHAHRI		
CONTRACTOR :	K.S.S. BUILDING CONTRACTING		
CONSULTANT :	AL AJMI CONSULTANTS		
TILES USED :	DURUOB, DIBAJ, EARTHSTONE	SQM USED :	35,000



PROJECT NAME:	THE BADR PROJECT - PHASE 1	YEAR :	2017-18
LOCATION :	DUBAI	DISCRIPTION:	CONSTRUCTION OF 2 BUILDINGS
OWNER :	SHIKH AHMED ALTHAHRI		
CONTRACTOR :	K.S.S. BUILDING CONTRACTING		
CONSULTANT :	AL AJMI CONSULTANTS		
TILES USED :	DURUOB, DIBAJ, EARTHSTONE	SQM USED :	190,000



PROJECT NAME:	ARABIAN RANCHES - SAMARA	YEAR :	17-2016
LOCATION :	DUBAI	DISCRIPTION:	CONSTRUCTION OF 177 VILLAS
OWNER :	EMAAR		
CONTRACTOR :	CRC		
CONSULTANT :	AL WASL AL JADEED CONSULTANTS		
TILES USED :	BONIAN, DUROUB	SQM USED :	60,000



PROJECT NAME:	ARABIAN RANCHES - ASEEL	YEAR :	17-2016
LOCATION :	AL WARQA - DUBAI	DISCRIPTION:	CONSTRUCTION OF 55 VILLAS
OWNER :	EMAAR		
CONTRACTOR :	PIVOT		
CONSULTANT :	DESIGN CENTER ARCHITECTS & ENGINEERING		
TILES USED :	BONIAN, DUROUB	SQM USED :	27,000




PROJECT NAME:	ARABIAN RANCHES - AZALEA	YEAR :	17-2016
LOCATION :	AL WARQA - DUBAI	DISCRIPTION:	CONSTRUCTION OF 108 VILLAS
OWNER :	EMAAR		
CONTRACTOR :	PIVOT		
CONSULTANT :	AL WASL AL JADEED CONSULTANTS		
TILES USED :	BONIAN, DUROUB	SQM USED :	55,000





OTHER PROJECTS

PROJECT NAME:
QURUM BEACH APARTMENT 

LOCATION: **MUSCAT, OMAN** COMPLETION DATE: **2009**

OWNER NAME: **OMAN TOURISM**

CONTRACTOR: **HUSAIN FADEL**

CONSULTANT: **TOWELL AL ARGAN**

TILES USED: **DIBAJ** SQM USED: **7,700 SQM**

PROJECT NAME:
HH OMER BIN ZAYED

LOCATION: **AL REEM ISLAND, ABU DHABI**

COMPLETION: **2013**

OWNER NAME: **REEM DEVELOPERS**

CONTRACTOR: **SEDCO**

TILES USED: **MADA** SQM USED: **50,000 SQM**

PROJECT NAME:
72 VILLA PROJECT 

LOCATION: **DOHA, QATAR** COMPLETION DATE: **2011**

OWNER NAME: **AL MAZAYA (IMP)**

CONTRACTOR: **SHANNON CONT.**

CONSULTANT: **M&Z PARTNERS**

TILES USED: **DUROUB** SQM USED: **27,000 SQM**

PROJECT NAME:
SEA SIDE TOWER


LOCATION: **AL REEM ISLAND, ABU DHABI**

COMPLETION: **2013**

OWNER NAME: **YOUNS AL KHOORY**

CONTRACTOR: **ORIENT CONTRACTING**

TILES USED: **JUMEIRAH, JUMAN** SQM: **50,000 SQM**

PROJECT NAME:
MUMTAZA TOWER 

LOCATION: **DOHA, QATAR** COMPLETION DATE: **2012**

OWNER NAME: **SH. HAMAD BIN ABDULLA AL THANI**

CONTRACTOR: **SHANNON TRADING & CONT.**

CONSULTANT: **KEO**

TILES USED: **AMEERA** SQM USED: **14,550 SQM**

PROJECT NAME:
BLOOM CENTRAL

LOCATION: **ABU DHABI** COMPLETION: **2013**

OWNER NAME: **BLOOM**

CONTRACTOR: **SHAPOORJI**

CONSULTANT: **HEBERGER**

TILES USED: **SARMAD** SQM USED: **25,000 SQM**

PROJECT NAME:
BAIT AL ZUBAIR

LOCATION: **MUSCAT, OMAN** COMPLETION DATE: **2011**

OWNER NAME: **BAIT AL ZUBAIR**

CONTRACTOR: **NEC**

CONSULTANT: **IMAGE DESIGN**

TILES USED: **MAJLIS, ELAF** SQM USED: **4,500 SQM**

PROJECT NAME:
RESIDENCE TOWER

LOCATION: **ABU DHABI** COMPLETION: **2013**

CONTRACTOR: **S MOKBEL CONTRACTING**

CONSULTANT: **BILD**

TILES USED: **DUROUB** SQM USED: **40,000 SQM**

PROJECT NAME:
ALYA PROPERTIES

LOCATION: **MUSCAT, OMAN** COMPLETION DATE: **2010**

OWNER NAME: **ALSAUD NATIONAL**

CONTRACTOR: **ALYA PROPERTIES**

TILES USED: **ELAF, ZEINA** SQM USED: **6,000 SQM**

PROJECT NAME:
MILITARY WORK - CAMP

LOCATION: **ABU DHABI** COMPLETION : **2013**

OWNER NAME: **MILITARY WORK**

CONTRACTOR: **AMANA STEEL**

TILES USED: **DIBAJ** SQM USED : **30,000 SQM**

PROJECT NAME:
QATAR AIRWAYS CREWS ACCOMODATION PROJECT, DOHA

LOCATION: **QATAR**

OWNER: **QATAR AIRWAYS**

CONTRACTOR: **REDCO INTERNATIONAL**

DISTRIBUTOR: **LAINGROURKE / PORCELLAN**

SQM USED: **140,000 SQM**

PROJECT NAME:
WEST AVENUE PROJECT

OWNER: **BAY CENTRAL**

CONTRACTOR: **CRC**

CONSULTANT: **NEB**

SQM USED: **45,000 SQM**

PROJECT NAME:
DELHI PUBLIC SCHOOL

OWNER: **DPS**

CONTRACTOR: **SUWAD CONTRACTING**

CONSULTANT: **ARCH GROUP**

SQM USED: **8,000 SQM**

PROJECT NAME:
G+2 AL WARKA

OWNER: **AL FAHAD GROUP**

CONTRACTOR: **AL FAHAD CONTRACTING**

CONSULTANT: **RAFAT MUSTAFA CONS. ENG.**

SQM USED: **24,000 SQM**

PROJECT NAME:
CAPITAL BAY PROJECT

OWNER: **DAMAC**

SQM USED: **10,000 SQM**

PROJECT NAME:
NILONA TOWER

OWNER: **NILONA**

CONTRACTOR: **AL ROSTHAMANI PEGAL**

CONSULTANT: **ARIF & BINTOUK**

SQM USED: **20,000 SQM**

PROJECT NAME:
DUBAI LAGOON

OWNER: **SCHON PROPERTIES**

SQM USED: **7,000 SQM**

PROJECT NAME:
AL MAKTOUM HOSPITAL

OWNER: **AL WASEL**

CONTRACTOR: **AL ROSTHAMANI PEGAL**

CONSULTANT: **BEL-YOAH AH ARCH.& ENG CONS.**

SQM USED: **20,000 SQM**

PROJECT NAME:
SARCO OFFICE BUILDING (G+9)

OWNER: **SARCO**

CONTRACTOR: **SULTAN ABDUL RAHMAN CONT.**

CONSULTANT: **BRAJEEL CONSULTANT**

SQM USED: **16,000 SQM**

PROJECT NAME:
AL MAMZAR TOWER

OWNER: **SARCO**

CONTRACTOR: **SARCO**

CONSULTANT: **BARAJEEL ENG. CONSULTANTS**

SQM USED: **30,000 SQM**

PROJECT NAME:
SARCO RESIDENTIAL BUILDING

OWNER: **SARCO**

CONTRACTOR: **SULTAN ABDUL RAHMAN CONT.**

CONSULTANT: **BRAJEEL CONSULTANT**

PROJECT NAME:
SPINNEYS GCC

OWNER: **SPINNEYS GCC**

SQM USED: **12,600 SQM**

PROJECT NAME:
AL QASMI HOSPITAL

OWNER: **MINISTRY OF HEALTH**

CONTRACTOR: **ALI MOOSA CONT.**

CONSULTANT: **QHC**

SQM USED: **7,000 SQM**

PROJECT NAME:
MILITARY TECHNICAL COLLEGE
LOCATION: **OMAN**
OWNER: **ROYAL OMAN POLICE**
CONTRACTOR: **AL ADRAK**
DISTRIBUTOR: **DELTA CO.**
SQM USED: **70,000 SQM**

PROJECT NAME:
MILITARY TECHNICAL COLLEGE
LOCATION: **OMAN**
OWNER: **MINISTRY OF DEFENSE**
CONTRACTOR: **AL ADRAK TRADING & CONT.**
DISTRIBUTOR: **DELTA CO.**
SQM USED: **80,000 SQM**

PROJECT NAME:
MILITARY TECHNICAL COLLEGE
LOCATION: **OMAN**
OWNER: **ROYAL OMAN POLICE**
CONTRACTOR: **AL ADRAK**
DISTRIBUTOR: **NEW ROTANA**
SQM USED: **80,000 SQM**

PROJECT NAME:
COM. & RES. BUILDING
LOCATION: **OMAN**
OWNER: **ROYAL COURT AFFAIRS**
CONTRACTOR: **UNIQUE CONT.**
DISTRIBUTOR: **DELTA CO.**
SQM USED: **7,500 SQM**

PROJECT NAME:
OMAN CHARITABLE ORG.
LOCATION: **OCO**
CONTRACTOR: **ARABIAN SUPPLIES & CONT.**
CONSULTANTS: **HASSAN ALI EID ENGG. CONS.**
DISTRIBUTOR: **DELTA CO.**
SQM USED: **3,000 SQM**

PROJECT NAME:
ALKHOUD DISPENSARY
LOCATION: **OMAN**
OWNER: **MINISTRY OF SOCIAL DEVELOPMENT**
CONTRACTOR: **OASIS GRACE**
CONSULTANTS: **ABDULLA MUKADAM PARTERNS**
DISTRIBUTOR: **DELTA CO.**
SQM USED: **5,000 SQM**

PROJECT NAME:
HOTEL ROTANA MUSCAT (RENOVATION)
LOCATION: **OMAN**
DISTRIBUTOR: **AHMED MOHSIN**
SQM USED: **7,500 SQM**

PROJECT NAME:
DEWAN
LOCATION: **OMAN**
OWNER: **ROYAL HOUSE**
DISTRIBUTOR: **AHMED MOHSIN**
SQM USED: **2,000 SQM**

PROJECT NAME:
POLICE HEADQUARTERS
LOCATION: **KUWAIT**
OWNER: **MINISTRY OF DEFENSE**
DISTRIBUTOR: **GULF SHORE**
SQM USED: **11,000 SQM**

PROJECT NAME:
HOSPITAL
LOCATION: **KUWAIT**
OWNER: **MINISTRY OF HEALTH**
DISTRIBUTOR: **GULF SHORE**
SQM USED: **16,500 SQM**

PROJECT NAME:

AL TURKI

LOCATION: **MUSCAT, OMAN**

COMPLETION DATE: **2010**

OWNER NAME: **AL TURKI**

CONTRACTOR: **AL RAWAHI**

TILES USED: **ELAF**

SQM USED: **7,000 SQM**

PROJECT NAME:

RESIDENTIAL BUILDING

LOCATION: **DOHA, QATAR**

COMPLETION DATE: **2012**

OWNER NAME: **SH. ABDUL AZIZ BIN AHMED AL THANI**

CONSULTANT: **ATAK BUILDING CONSULTANTS**

TILES USED: **AMEERA**

SQM USED: **14,000 SQM**

PROJECT NAME:

OMAN RESIDENCE

LOCATION: **MUSCAT, OMAN**

COMPLETION DATE: **2011**

OWNER NAME: **DOUGLAS OHI**

CONTRACTOR: **ZUBAIR CONTRACTING**

TILES USED: **JUMEIRAH**

SQM USED: **15,000 SQM**

PROJECT NAME:

SENIOR STAFF ACCOMODATION

LOCATION: **DOHA, QATAR**

COMPLETION DATE: **2010**

CONTRACTOR: **AL ALI PROJECTS W.L.L.**

CONSULTANT: **AL MANSOOR**

TILES USED: **RIMAL, SARMAH, BAYAN**

SQM USED: **9,485 SQM**

PROJECT NAME:

AL TAWOON

LOCATION: **DOHA, QATAR**

COMPLETION DATE: **2012**

CONTRACTOR: **THEKO INTERNATIONAL**

TILES USED: **DUROUB**

SQM USED: **14,340 SQM**

PROJECT NAME:

STAFF ACCOMODATION G+M+I

LOCATION: **DOHA, QATAR**

COMPLETION DATE: **2012**

CONTRACTOR: **AL QAMA ENGINEERING**

TILES USED: **AMEERA, ELAF**

SQM USED: **3,300 SQM**

PROJECT NAME:

MINISTRY OF HEALTH

LOCATION: **KUWAIT**

COMPLETION DATE: **2011**

OWNER NAME: **MOH (GULFSHORE)**

TILES USED: **KUNOOZ, MAJLIS**

SQM USED: **9,000 SQM**

PROJECT NAME:

COMMERCIAL BUILDING

LOCATION: **DOHA, QATAR**

COMPLETION DATE: **2012**

CONTRACTOR: **CONSOLIDATED ENGINEERS CO.**

TILES USED: **ALLURE, DUROUB**

SQM USED: **3,300 SQM**

PROJECT NAME:

FISHERMAN 27 VILLA YITI

LOCATION: **MUSCAT, OMAN**

COMPLETION DATE: **2010**

OWNER NAME: **OMAN TOURISM**

CONTRACTOR: **INSHAD BUILD MAT.**

CONSULTANT: **AL MANSOOR**

TILES USED: **BAYAN**

SQM USED: **15,000 SQM**

PROJECT NAME:

AL KHALEEJ & AL SAAD COMPLEX

LOCATION: **DOHA, QATAR**

COMPLETION DATE: **2012**

OWNER NAME: **SH. MOHAMMED NAIF**

CONTRACTOR: **QATARI DEVELOPMENT**

CONSULTANT: **UNITED CONSULTANT**

TILES USED: **DUROUB**
















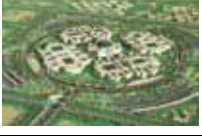






SQM USED: **16,848 SQM**



بورسلان
PORCELLAN



ONGOING / COMPLETED PROJECTS KINGDOM OF SAUDI ARABIA

KING SAUD UNIVERSITY		PORTS AUTHORITY PROJECTS		THE MINISTRY OF FOREIGN AFFAIRS PROJECTS	
KING FAHD UNIVERSITY		DEPARTMENT OF SOCIAL FUND PROJECTS		MINISTRY OF HEALTH PROJECTS	
UMM AL QURA UNIVERSITY		UNIVERSITY OF NAJRAN		IPS PROJECTS	
YANBU UNIVERSITY COLLEGE		KING ABDUL AZIZ UNIVERSITY		FACTORY HALWANI	
ISLAMIC UNIVERSITY		UNIVERSITY OF TABUK		INSTITUTES OF TOURISM AND HOTELS (BOYS / GIRLS)	
VOCATIONAL TRAINING INSTITUTE FOR GIRLS (AL-KHOBAR)		TAIBAH UNIVERSITY		MAKKAH TOWERS PROJECTS	
QASSIM UNIVERSITY CAMPUS		QASSIM UNIVERSITY		BUILDING FOR ABDUL LATIF JAMIL	
NATIONAL GUARD PROJECT (HOUSING PROGRAM)		COLLEGES OF TECHNOLOGY (BOYS)		COLLEGES OF TECHNOLOGY (GIRLS)	
BUILDINGS EDUCATIONAL ADMINISTRATION PROJECTS		MIXED PROJECT (KSA AIR DEFENSE)		UNIVERSITY OF THURAYA	
KNOWLEDGE CITY PROJECTS		PROJECT 200 SCHOOLS AFFILIATED TO THE MINISTRY OF EDUCATION		120 BUILDINGS FOR THE COLLEGE OF HIGHER EDUCATION	



ONGOING / COMPLETED PROJECTS

INDIA AND FAR EAST

PROJECT NAME:

EON WATERFRONT

LOCATION: **PUNE, INDIA** COMP. DATE: **2012**

OWNER NAME: **PANCHSHIL HOUSING**

CONTRACTOR: **EON INFRASTRUCTURE**

TILES USED: **AWTAR** SQM USED: **10,500 SQM**

PROJECT NAME:

SHIVALAY PROJECT

LOCATION: **PUNE, INDIA** COMP. DATE: **2011**

OWNER NAME: **SHIVALAY PROPERTIES**

CONTRACTOR: **--**

TILES USED: **JUMIERAH** SQM USED: **40,000 SQM**

PROJECT NAME:

BHEL STAFF ACCOMMODATION

LOCATION: **HYDERABAD, INDIA** COMP. DATE: **2011**

OWNER NAME: **GOVERNMENT OF INDIA**

CONTRACTOR: **CUBIX VENTURES**

TILES USED: **DUROUB** SQM USED: **10,000 SQM**

PROJECT NAME:

AVIGHNA HOUSING

LOCATION: **MUMBAI, INDIA** COMP. DATE: **2012**

OWNER NAME: **AVIGHNA CONSTRUCTIONS**

CONTRACTOR: **AVIGHNA CONSTRUCTIONS**

TILES USED: **DIBAJ, BONIAN** SQM USED: **22,500 SQM**

PROJECT NAME:

DAEWOO HOUSING PROJECT

LOCATION: **SEOUL, KOREA** COMP. DATE: **2012**

OWNER NAME: **DAEWOO CORP.**

CONTRACTOR: **DAEWOO CONSTRUCTION**

TILES USED: **RIMAL** SQM USED: **3,500 SQM**

PROJECT NAME:

EON HADAPSAR

LOCATION: **PUNE, INDIA** COMP. DATE: **2012**

OWNER NAME: **PANCHSHIL HOUSING**

CONTRACTOR: **EON INFRASTRUCTURE**

TILES USED: **AWTAR** SQM USED: **12,000 SQM**

PROJECT NAME:

ATTOCK OIL REFINERY HEAD OFFICE

LOCATION: **RAWALPINDI, PAKISTAN**

COMPLETION DATE: **2011**

OWNER NAME: **GOVERNMENT OF PAKISTAN**

CONTRACTOR: **IZHAR CONT.**

TILES USED: **BAYAN**

SQM USED: **10,000 SQM**

PROJECT NAME:

BUSINESS BAY + ADDRESS BLVD.

LOCATION: **RAWALPINDI, PAKISTAN**

COMPLETION DATE: **2012**

OWNER NAME: **BAHRIA TOWN PRIVATE LIMITED**

CONTRACTOR: **DASCON**

TILES USED: **BAYAN, DIBAJ, RIMAL**























SQM USED: **8,000 SQM**

TECHNICAL FEATURES



Glazed Porcelain Tile

GLAZED TILES

TEST		UNIT	ISO STANDARD		PORCELLAN SPECIFICATIONS
			ISO 13006 for BI tiles & BS EN 14411:2012		
			Method No. 10545	Requirement	
	Length & Width	%	Part 2	± 0.6%	± 0.2 %
	Thickness	%	Part 2	± 5%	± 5 %
	Straightness of sides	%	Part 2	± 0.5%	± 0.2 %
	Rectangularity	%	Part 2	± 0.6%	± 0.2 %
	Flatness	%	Part 2	± 0.5%	± 0.2 %
	Surface quality	%	Part 2	Min 95%	> 95
	Breaking Strength	N	Part 4	not less than 1300 N	≥ 2200 N
	Water absorption	%	Part 3	≤ 0.5%	≤ 0.5 %
	Modulus of rupture	N/mm ²	Part 4	Min. 35 N/mm ²	≥ 35 N/mm ²
	MOHS scratch hardness		Not in ISO	Not in ISO	5
	Resistance to surface		Part 7	TMA*	PEI class 2-5
	Linear Thermal expansion		Part 8	TMA*	< 9 x 10 ⁻⁶ C ⁻¹
	Thermal Shock Resistance		Part 9	No Visible Crack	No Visible Crack
	Chemical resistance		Part 13	Minimum GB	Class GA - no visible effect
	Crazing resistance		Part 11	No Crazing	No Crazing
	Lead & Cadmium release		Part 15	TMA*	Lead < 0.1 mg /dm ² Cadmium < 0.01 mg/dm ²
	Frost resistance		Part 15	Pass	Pass / Resistant
	Coefficient of restitution		Part 5	TMA*	Around 0.8
	Stain resistance		Part 14	Minimum Class 3	Class 4-5
	Moisture expansion	%	Part 10	TMA*	0.01%
	Lightfastness of colors		DIN 51094	No Variation	Pass
	Slip resistance				
1. Inclined platform			DIN 51130	TMA*	R9 - R10
			DIN 51097	TMA*	A
2. Dynamic coefficient			Part 17	TMA*	Dry - Around 0.7 Wet - Around 0.4 (Class 2)

* TMA – Test Method Available

TECHNICAL FEATURES



Technical
Porcelain Tile

POLISHED / UNPOLISHED TILES

TEST	UNIT	ISO STANDARD ISO 13006 for BI tiles & BS EN 14411:2012		PORCELLAN SPECIFICATIONS
		Method No. 10545	Requirement	
Length & Width	%	Part 2	± 0.6%	± 0.2 %
Thickness	%	Part 2	± 5 %	± 5 %
Straightness of sides	%	Part 2	± 0.5%	± 0.2 %
Rectangularity	%	Part 2	± 0.6%	± 0.2 %
Flatness	%	Part 2	± 0.5%	± 0.2 %
Surface quality	%	Part 2	Min 95%	> 95
Breaking Strength	N	Part 4	not less than 1300 N	≥ 2200 N
Water absorption	%	Part 3	≤ 0.5%	≤ 0.1 %
Modulus of rupture	N/mm ²	Part 4	Min. 35 N/mm ²	≥ 35 N/mm ²
MOHS scratch hardness		Not in ISO	Not in ISO	6
Resistance to deep abrasion?	mm ³	Part 7	Max 175 mm ³	< 175 mm ³
Moisture expansion	%	Part 10	TMA*	0.02 %
Linear Thermal expansion		Part 8	TMA*	< 9 × 10 ⁻⁶ C ⁻¹
Thermal shock resistance		Part 9	No visible crack	No visible crack
Chemical resistance		Part 13	Minimum UB	Class UA- no visible effect
Frost resistance		Part 12	Pass	Pass / Resistant
Coefficient of restitution		Part 5	TMA*	Around 0.8
Stain resistance		Part 14	Minimum Class 3	Class 3-5
Lightfastness of colours		DIN 51094	No Variations	Pass
Slip resistance				
1. Inclined platform		DIN 51130	TMA*	R9 - R10
		DIN 51097	TMA*	A
2. Dynamic Coefficient		Part 17	TMA*	Dry - Around 0.6 Wet - Around 0.4 (Class 2)
Gloss Value (for polished tile surfaces)			NOT IN ISO	Min 65

* TMA – Test Method Available



LICENSES & CERTIFICATES



رخصة تجارية Commercial License

تفاصيل الرخصة / License Details

License No.	660128	رقم الرخصة
Company Name	PORCELLAN GENERAL TRADING COMPANY L.L.C	اسم الشركة
Trade Name	PORCELLAN GENERAL TRADING COMPANY L.L.C	الإسم التجاري
Legal Type	Limited Liability Company(LLC)	الشكل القانوني
Expiry Date	12/10/2023	تاريخ الإصدار
D&B D-U-N-S ®	0	رقم الرخصة الأم
Register No.	1083657	عضوية الغرفة
	تاريخ الإنتهاء	Issue Date
	الرقم العالمي	Main License No.
	رقم السجل التجاري	DCCI No.

الاطراف / License Members

Share / الحصص	Role / الصفة	Nationality / الجنسية	Name / الاسم	No./رقم الشخص
	Manager / مدير	United Arab Emirates / الامارات	جمال ماجد احمد الغرير	7993
			JAMAL MAJID AHMAD ALGHURAIR	

نشاط الرخصة التجارية / License Activities

تجارة عامة

General Trading

العنوان / Address

Phone No	971-4-2550599	تليفون	P.O. Box	57522	صندوق بريد
Fax No	971-4-2550598	فاكس	Parcel ID	214-265	رقم القطعة
Mobile No	971-50-4756600	هاتف متحرك			البريد الإلكتروني / Email
					مكتب 301-320 ملك الشيخ حشر مكتوم بن جمعة ال مكتوم-القرهود

الملاحظات / Remarks

Print Date 11/10/2022 9:40 تاريخ الطباعة

Receipt No. 14619500

رقم الإيصاف



يمكنك الآن تجديد رخصتك التجارية من خلال الرسائل النصية القصيرة، أرسل رقم الرخصة إلى 6969 (دو/اتصالات) للحصول على إذن الدفع.
Now you can renew your trade license by sending a text message (SMS). Send your trade license number to 6969 (Du/ Etisalat) to receive payment voucher.

Get FREE access to Zoho One for the first year
احصل على زو هو ون مجاناً للسنة الأولى
Zoho.com/det



وثيقة إلكترونية معتمدة وصادرة بدون توقيع من دائرة الاقتصاد والسياحة في دبي. لمراجعة صحة البيانات الواردة في الرخصة يرجى مسح رمز الاستجابة السريعة this is a certified e-document issued without signature by the department of Economy and Tourism. Kindly Scan the QR Code to Verify the certificate

ملحق الشركاء Partners

تفاصيل الرخصة / License Details

رقم الرخصة License No. 660128 الرقم العالمي D&B D-U-N-S No. 0

اصحاب الرخصة / License Partners

Share / الحصص	Sr. No./مسلسل الشخص	Nationality / الجنسية	Name / الإسم
75.0000000%	7993	الامارات / United Arab Emirates	جمال ماجد احمد الغرير / Jamal Majid Ahmad Alghurair
25.0000000%	249268	الامارات / United Arab Emirates	ساره جمال ماجد الغرير / Sara Jamal Majid Alghurair

Print Date 11/10/2022 9:40 تاريخ الطباعة Receipt No. 14619500 رقم الإيصال



يمكنك الآن تجديد رخصتك التجارية من خلال الرسائل النصية القصيرة، أرسل رقم الرخصة إلى 6969 (دو/اتصالات) للحصول على إذن الدفع.
Now you can renew your trade license by sending a text message (SMS). Send your trade license number to 6969 (Du/ Etisalat) to receive payment voucher.

Get FREE access to Zoho One for the first year
احصل على زوهو ون مجاناً للسنة الأولى
Zoho.com/det



وثيقة إلكترونية معتمدة وصادرة بدون توقيع من دائرة الاقتصاد والسياحة في دبي. لمراجعة صحة البيانات الواردة في الرخصة يرجى مسح رمز الاستجابة السريعة
this is a certified e-document issued without signature by the department of Economy and Tourism. Kindly Scan the QR Code to Verify the certificate

شهادة شهر قيد شركة في السجل التجاري
Commercial Register

تفاصيل القيد / Register Details

Main Lice. Nr	660128	رقم الرخصة الأم	Register No.	1083657	رقم القيد
Company Name	شركة بورسلان للتجارة العامة ش.ذ.م.م				
Legal Type	PORCELLAN GENERAL TRADING COMPANY L.L.C				
Expiry Date	12/10/2023	تاريخ الإنتهاء	Reg. Date	13/10/2011	تاريخ الإصدار
D&B D-U-N-S No.	®		0		الرقم العالمي

تفاصيل رأس المال / Capital Details

Nominated	300,000.0000	الإسمى
Paid	300,000.0000	المدفوع
No. of Shares	0.0000	عدد الأسهم
Currency	UAE Dirhams	العملة

عنوان الرخصة / License Address

مكتب 301-320 ملك الشيخ حشر مكتوم بن جمعه ال مكتوم-القرهود

عنوان السجل التجاري / Commerce Address

مكتب 214-216 ملك بناء للعقارات -القرهود

أنشطة السجل / Register Activities

General Trading	تجارة عامة
-----------------	------------

Print Date 11/10/2022 9:40 تاريخ الطباعة Receipt No. 14619500 رقم الإيصال



يمكنك الآن تجديد رخصتك التجارية من خلال الرسائل النصية القصيرة، أرسل رقم الرخصة إلى 6969 (دو/اتصالات) للحصول على إذن الدفع.
Now you can renew your trade license by sending a text message (SMS). Send your trade license number to 6969 (Du/ Etisalat) to receive payment voucher.

Get **FREE** access to Zoho One for the first year
احصل على زوهو ون مجاناً للسنة الأولى



Zoho.com/det

وثيقة إلكترونية معتمدة وصادرة بدون توقيع من دائرة الاقتصاد والسياحة في دبي. لمراجعة صحة البيانات الواردة في الرخصة يرجى مسح رمز الاستجابة السريعة this is a certified e-document issued without signature by the department of Economy and Tourism. Kindly Scan the QR Code to Verify the certificate



INDUSTRIAL LICENSE

License No

IN-1001316

رخصة صناعية

رقم 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	: 14/11/2006 تاريخ أول إصدار	Enviroment No. : 1475	الرقم البيئي
Issue Date	: 08/09/2020 تاريخ الإصدار	FCR No. : -	السجل المركزي الموحد
Expiry Date	: 07/09/2023 تاريخ الإنتهاء	Trade Name No. : IN-1001316	رقم الإسم التجاري
		شركة بورسلان ذ م م	الإسم التجاري

Trade Name : Porcellan Company Llc

Location : Abu Dhabi - Mussaffah - ICAD II - (50MR2, 49MR2)

Owner(s) Partner(s)

اسم صاحب المنشأة / الشركاء

#	الملاك / الشركاء Owners / Partners	الجنسية Nationality	الصلة Role	نسبة الشراكة Share (%)
1	Jamal Majid Ahmad Alghurair	الإمارات العربية المتحدة United Arab Emirates	شريك Partner	75.00 %
2	Porcellan Limited	الإمارات العربية المتحدة United Arab Emirates	شريك Partner	25.00 %

Activities

الأنشطة

#	النشاط	Activity
1	خدمات حقول ومنشآت النفط والغاز البرية والبحرية	Onshore and Offshore Oil and Gas Fields and Facilities Services
2	صناعة المنتجات الطفيلية الغير حرارية المستخدمة للبناء	Strctural Non-Refractory Clay Building Products Manufacturing

Products

المنتجات

#	المنتج	Product
1	بلاطات خزفية	PORCELAIN TILES

Note : This Document is Considered As Commercial Register
IN-1001316 - 05/08/2020



ملاحظات : تعتبر هذه الوثيقة بمثابة سجل تجاري



ص ب 12 أبوظبي، الإمارات العربية المتحدة | P.O.Box 12, Abu Dhabi, United Arab Emirates | T +971 2 815 8888 | F +971 2 672 7749 | www.idb.ae

مكتب تابع لدائرة التنمية الاقتصادية - أبوظبي
A Subsidiary of Abu Dhabi Department of Economic Development

للتحقق من صحة التفاصيل المذكورة في الرخصة يرجى زيارة موقع دائرة التنمية الاقتصادية - أبوظبي <https://ded.abudhabi.ae/ar>

To verify the details mentioned in the license, please visit DED - Abu Dhabi website <https://ded.abudhabi.ae/en>



Bureau Veritas Certification

PORCELLAN COMPANY LLC

FACTORY PLOT NO. 49 & 50 MR2, INDUSTRIAL
CITY OF ABU DHABI (ICAD-2), MUSSAFAH, P.O BOX: 74684,
ABU DHABI, UNITED ARAB EMIRATES

Bureau Veritas Certification Holding SAS – UK Branch certifies that the Management System of the above organisation has been audited and found to be in accordance with the requirements of the management system standards detailed below

ISO 9001:2015

Scope of certification

DESIGN, MANUFACTURING AND SUPPLY OF PORCELAIN TILES FOR FLOOR & WALL APPLICATIONS

Original Cycle Start Date:	22 December 2010				
Expiry date of previous cycle:	21 December 2022				
Certification / Recertification Audit date:	11 November 2022				
Certification / Recertification cycle start date:	14 December 2022				
Subject to the continued satisfactory operation of the organization's Management System, this certificate expires on:	21 December 2025				
Certificate No.:	AB003839	Rev:	1	Issue date:	14 December 2022



0008

Certification Body Address: 5th Floor, 66 Prescott Street, London, E1 8HG, United Kingdom

Local Office: Bureau Veritas – Abu Dhabi branch of Bureau Veritas S.A, 1st Floor, Al Zubara Tower, Salam St, P.O. Box 26264, Abu Dhabi, UAE

Further clarifications regarding the scope and validity of this certificate, and the applicability of the management system requirements, please call: +971 2 644 4920





Bureau Veritas Certification

PORCELLAN COMPANY LLC

FACTORY PLOT NO. MR2 49 &
50, INDUSTRIAL CITY ABU DHABI (ICAD-2), MUSSAFAH,
P.O. BOX: 74684, ABU DHABI, UNITED ARAB EMIRATES

Bureau Veritas Certification Holding SAS – UK Branch certifies that the Management System of the above organisation has been audited and found to be in accordance with the requirements of the management system standards detailed below

ISO 14001:2015

Scope of certification

DESIGN, MANUFACTURING AND SUPPLY OF PORCELAIN TILES FOR FLOOR & WALL APPLICATIONS

Original cycle start date:	09 March 2016				
Expiry date of previous cycle:	11 February 2022				
Certification / Recertification Audit date:	8 December 2021				
Certification / Recertification cycle start date:	26 January 2022				
Subject to the continued satisfactory operation of the organization's Management System, this certificate expires on:	11 February 2025				
Certificate No.:	AB003641	Version:	1	Issue Date:	26 January 2022


Krupa Rahul - Certification Manager

Certification Body Address: 5th Floor, 66 Prescott Street, London, E1 8HG, United Kingdom

Local Office: Bureau Veritas – Abu Dhabi branch of Bureau Veritas S. A, 1st Floor, AlZubara Tower, Salam St, P. O. Box 26264, Abu Dhabi, UAE

Further clarifications regarding the scope and validity of this certificate, and the applicability of the management system requirements, please call: +971 2 644 4920



0008





BUREAU
VERITAS

Bureau Veritas Certification

PORCELLAN COMPANY LLC

FACTORY PLOT NO. MR2 49 &
50, INDUSTRIAL CITY ABU DHABI (ICAD-2), MUSSAFAH,
P.O. BOX: 74684, ABU DHABI, UNITED ARAB EMIRATES

Bureau Veritas Certification Holding SAS – UK Branch certifies that the Management System of the above organisation has been audited and found to be in accordance with the requirements of the management system standards detailed below

ISO 45001:2018

Scope of certification

DESIGN, MANUFACTURING AND SUPPLY OF PORCELAIN TILES FOR FLOOR & WALL APPLICATIONS

Original cycle start date:	12 February 2019
Expiry date of previous cycle:	11 February 2022
Certification / Recertification Audit date:	08 December 2021
Certification / Recertification cycle start date:	26 January 2022
Subject to the continued satisfactory operation of the organization's Management System, this certificate expires on:	11 February 2025

Certificate No.: **AB003642** Version: **1** Issue Date: **26 January 2022**

Krupa Rahul - Certification Manager

Certification Body Address: 5th Floor, 66 Prescott Street, London, E1 8HG, United Kingdom

Local Office: Bureau Veritas – Abu Dhabi branch of Bureau Veritas S. A, 1st Floor, AlZubara Tower, Salam St, P. O. Box 26264, Abu Dhabi, UAE

Further clarifications regarding the scope and validity of this certificate, and the applicability of the management system requirements, please call: +971 2 644 4920



0008



Certificate of Accreditation

شركة بورسلان ذ.م.م (NAL125)

مصنّف - أبوظبي، الإمارات العربية المتحدة

حاصل على الإعتماد في الفحوصات المذكورة في وثيقة المجال المرفقة وفقاً للمواصفة الدولية ISO/IEC 17025¹

Porcellan Company L.L.C (NAL 125)

Mussafah – Abu Dhabi , UAE

Accredited according to the ISO/IEC 17025 Standard to undertake tests as specified in the attached Accreditation Scope

الدكتورة رهاى فوج العائري
مدير إدارة الاعتماد الوطني



Accredited on 2020/12/23
Expires on 2023/12/22

تاريخ منح الإعتماد
تاريخ الانتهاء

Accreditation in accordance to the ISO/IEC 17025:2017 Standard "General requirements for the competence of testing and calibration laboratories" and the relevant ENAS and ILAC requirements.

This certificate is invalid without the attached scope of accreditation, which is subjected to annual surveillances as per ENAS procedure. Certificate can be updated or re-issued until the expiry date defined above. The validity of the certificate is subjected to continuous compliance with the requirements of the accreditation system. The lab is responsible for the results of its testing.

Initial Accreditation Date: 24/12/2017

ACF 11-21; Rev 3;

من ب - أبوظبي، الإمارات العربية المتحدة - P.O.BOX 2166

من ب - دبي، الإمارات العربية المتحدة - P.O.BOX 48666

مركز الاتصال 600 565554

www.enas.gov.ae

تاريخ منح الإعتماد لأول مرة: 2017/12/24

¹ وفقاً لمتطلبات المواصفة الدولية ISO/IEC 17025:2017 "المتطلبات العامة لكفاءة مختبرات الفحص والمعايرة" والمتطلبات ذات العلاقة الخاصة بنظام الإعتماد الوطني الإماراتي ENAS والنظمة الدولية لاعتماد المختبرات ILAC.

مجال الاعتماد جزء أساسي من هذه الشهادة حيث تخضع مجالات الاعتماد المذكورة في الوثيقة المرفقة لعمليات متابعة لاحقة من قبل نظام الاعتماد الوطني الإماراتي ENAS. وتعتبر هذه الشهادة صالحة وقابلة للتحديث وإعادة الاصدار حتى تاريخ الانتهاء المبين أعلاه. شريطة استمرار المختبر المذكور اعلا في تطبيق متطلبات نظام الاعتماد سالفة الذكر. يتحمل المختبر مسؤولية نتائج الفحص الصادرة عنه.

Accreditation Scope

Porcellan Co. L.L.C, NAL 125
Testing Laboratory, (ISO/IEC 17025:2017)

Mussafah, Abu Dhabi, UAE

Issue Date: 23-12-2020
Issue No: 04

Expiry Date: 22-12-2023

Testing Field	Materials/ Products tested	Type of test/ Test parameter/ Properties measured/Range of measurement	Test Method (Standard, Internal Procedure, Technique)	Permanent lab (P) / Client-site (S)
---------------	-------------------------------	---	---	--

Physical	Ceramic Tiles	Determination of Dimension - Length & Width (up to 120 cm)	ISO 10545-2:2018 (Clause 4)	P
		Determination of Dimension - Thickness (up to 120 cm)	ISO 10545-2:2018 (Clause 5)	
		Determination of Dimension (up to 120 cm) - Straightness of sides (±0.4%)	ISO 10545-2:2018 (Clause 6)	
		Determination of Dimension (up to 120 cm) - Rectangularity (±0.4%)	ISO 10545-2:2018 (Clause 7)	
		Determination of Dimension (up to 120 cm) - Surface flatness (±0.4%)	ISO 10545-2:2018 (Clause 8)	P

Accreditation Scope

Porcellan Co. L.L.C, NAL 125
Testing Laboratory, (ISO/IEC 17025:2017)

Mussafah, Abu Dhabi, UAE

Issue Date: 23-12-2020
Issue No: 04

Expiry Date: 22-12-2023

Testing Field	Materials/ Products tested	Type of test/ Test parameter/ Properties measured/Range of measurement	Test Method (Standard, Internal Procedure, Technique)	Permanent lab (P) / Client-site (S)
Physical	Ceramic Tiles	Determination of Dimension & Surface Quality (up to 120 cm)	ISO 10545-2:2018 (Clause 9)	P
		Determination of Water Absorption (up to 20 kg)	ISO 10545-3:2018 (Clause 7 & 8.1)	
		Determination of Modulus of Rupture - Modulus of rupture (up to 120 cm) - Breaking strength (up to 120 cm)	ISO 10545-4:2019	
		Determination of Crazing Resistance for Glazed tiles (up to 1600 kPa)	ISO 10545-11:1994	
END				



CENTRO CERAMICO - BOLOGNA

CENTRO DI RICERCA E SPERIMENTAZIONE
PER L'INDUSTRIA CERAMICA

Accreditamento SINAL n. 0058

40138 BOLOGNA (Italy)
Via Martelli 26 - Tel. (051) 53.40.15 - Fax (051) 53.00.85
IVA 00947780375

E_MAIL: centro.ceramico@cencerbo.it

Sede Decentrata
Viale Valle d'Aosta 1 - 41049 Sassuolo (MO)
Tel. (0536) 80.21.54

Bologna, 25/02/2013

VOC Volatile Organic Compounds Emission of ceramic tiles manufactured by PORCELLAN Co LLC

As regards ceramic tiles manufactured by PORCELLAN Co LLC according to the **IEQ Credit 4.3**: "Low-Emitting Materials - Flooring Systems" of LEED Buildings Certification (Leadership in Energy and Environmental Design; LEED 2009 NC Rating System - USGBC),

It is stated that

- a) Ceramic tiles manufactured by PORCELLAN Co LLC, are obtained by an industrial process in which the firing phase is oxidant and it is performed at high temperature (ranging from 950°C to over 1200°C), depending on the type of product.
- b) During firing, in the presence of oxygen, any organic compounds in the ceramic product become oxidised (combustion), with consequent emission of combustion gases. This process can be considered completed in a range temperature from 450°C to 500°C. Above this temperatures, no organic compounds can be present in the fired material.
- c) It can be concluded that, after firing at these temperatures, ceramic tiles manufactured by PORCELLAN Co LLC:
 - are completely without VOC
 - won't give off VOC during their use, in any operating conditions.



Prof. Eng. Giorgio Timellini
Director

CERLabs - World Network of National Ceramic Laboratories - Italian Member



MODENA CENTRO PROVE s.r.l.
Sede legale e Laboratori: 41123 Modena (Italy) - Via Sallustio, 78
Tel. 059 822417 r.a. - e-mail : info@modenacentroprove.it - www.modenacentroprove.com
C.C.I.A.A. Modena n. 228587 - Tribunale di Modena n° 2231 - C.F. e P. IVA n. 01592020364

MECCANICA

ECOLOGIA

CERAMICA

AUTOMOTIVE

Modena, 20/12/2021

TO : **PORCELLAN CO L.L.C.**
PLOT 49-50 MR-2-ICAD-II
74684 MUSAFFAH - ABU DHAI - U.A.E o

Attn. **Mr. Arunkumar**

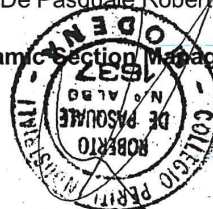
CERTIFICATE VALIDITY PERIOD

MODENA CENTRO PROVE Laboratory for tests on ceramic tiles, accredited according to UNI CEI EN ISO/IEC 17025:2015 (Accredia No. 1018), and authorized as Notified Body N.B. 1599 by the Ministry of Economic Development in accordance with Regulation (EU) No. 305/2011, declares that the test reports n° 20218758 and 20218761 of December 2021, corresponding respectively to **GLAZED PORCELAIN TILES** (n° 20218758), and **UNGLAZED PORCELAIN TILES** (n° 20218761) manufactured by PORCELLAN CO L.L.C. (certified ISO 9001:2015 with Bureau Veritas) have the validity period of 1 year according to EN 14411:2016 point 6.3.3 and Table 3.

MODENA CENTRO PROVE

P.I. De Pasquale Roberto

Ceramic Section Manager





MODENA CENTRO PROVE s.r.l.
 Sede legale e Laboratori: 41123 Modena (Italy) - Via Sallustio, 78
 Tel. 059 822417 r.a. - e-mail : info@modenacentroprove.it - www.modenacentroprove.com
 C.C.I.A.A. Modena n. 228587 - Tribunale di Modena n° 2231 - C.F. e P. IVA n. 01592020364

MECCANICA

ECOLOGIA

CERAMICA

AUTOMOTIVE

Modena, 03/01/2022

TO : **PORCELLAN CO L.L.C.**
 PLOT 49-50 MR-2-ICAD-II
 74684 MUSAFFAH - ABU DHAI - U.A.E o

Attn. **Mr. Arun Kumar**

Test Report 20218761 of 18/12/2021

**TECHNICAL CHARACTERISTICS
 UNGLAZED PORCELAIN TILE RECTIFIED**

TESTS	ISO 13006:2018 FOR Bla TILES RECTIFIED		PORCELLAN PRODUCT TEST VALUE
	Method No. 10545	Requirment	
LENGTH & WIDTH	PART 2	± 0,3% and ± 1,0mm	-0,1 % -0,4 mm
THICKNESS	PART 2	± 5% and ± 0,5mm	-1,0 % -0,1 mm
STRAIGHTNESS OF SIDES	PART 2	± 0,3% and ± 0,8mm	0,0 % 0,2 mm
RECTANGULARITY	PART 2	± 0,3% and ± 1,5mm	- 0,1 % 0,6 mm
FLATNESS - centre curvature	PART 2	± 0,4% and ± 1,8mm	0,1 % 1,1 mm
FLATNESS - edge curvature	PART 2	± 0,4% and ± 1,8mm	0,1 % 0,8 mm
FLATNESS - warpage	PART 2	± 0,4% and ± 1,8mm	-0,1 % -0,7 mm
SURFACE QUALITY	PART 2	> 95%	100%
WATER ABSORPTION	PART 3	≤ 0,5%	0,05 %
BREAKING STRENGTH	PART 4	≥ 1300 N	2074 N
MODULUS OF RUPTURE	PART 4	≥ 35 N/mm ²	47,6 N/mm ²
COEFFICIENT OF RESTITUTION	PART 5	Declared value	0,85
RESISTANCE TO DEEP ABRASION	PART 6	≤ 175 mm ³	97 mm ³
LINEAR THERMAL EXPANSION	PART 8	Declared value	6,7 x10 ⁻⁶ /°C
THERMAL SHOCK RESISTANCE	PART 9	Declared value	Resistant
MOISTURE EXPANSION	PART 10	Declared value	0,01% 0,09 mm/m
FROST RESISTANCE	PART 12	required	Resistant
CHEMICAL RESISTANCE	PART 13	Minimum B	Resistant
STAIN RESISTANCE	PART 14	Declared value	Class 5
SLIP RESISTANCE Inclined plat form	DIN 51130 DIN 51097	TMA* TMA*	R9 A
LIGHTFASTNESS OF COLOURS	DIN 51094	No variations	Pass

* Test Method Available

MODENA CENTRO PROVE SRL
 P.I. De Pasquale Roberto
 Sede Legale e Laboratori: Via Sallustio n. 78
 41123 Modena (MO)
 Tel.: 059 822417
 Ceramic Section Manager
 P. IVA e C.F. 01592020364

Pag. 1 di 1

MECCANICA

ECOLOGIA

CERAMICA

AUTOMOTIVE

Modena, 03/01/2022

TO : **PORCELLAN CO L.L.C.**
 PLOT 49-50 MR-2-ICAD-II
 74684 MUSAFFAH - ABU DHAI - U.A.E o

Attn. **Mr. Arun Kumar**

Test Report 20218758 of 18/12/2021

**TECHNICAL CHARACTERISTICS
GLAZED PORCELAIN TILE RECTIFIED**

TESTS	ISO 13006:2018 FOR Bla TILES RECTIFIED		PORCELLAN PRODUCT TEST VALUE
	Method No. 10545	Requirement	
LENGTH & WIDTH	PART 2	± 0,3% and ± 1,0mm	0,0 % 0,1 mm
THICKNESS	PART 2	± 5% and ± 0,5mm	-1,1 % -0,1 mm
STRAIGHTNESS OF SIDES	PART 2	± 0,3% and ± 0,8mm	0,0 % 0,2 mm
RECTANGULARITY	PART 2	± 0,3% and ± 1,5mm	- 0,1 % - 0,6 mm
FLATNESS - centre curvature	PART 2	± 0,4% and ± 1,8mm	0,1 % 0,7 mm
FLATNESS - edge curvature	PART 2	± 0,4% and ± 1,8mm	0,1 % 0,8 mm
FLATNESS - warpage	PART 2	± 0,4% and ± 1,8mm	0,1 % 0,8 mm
SURFACE QUALITY	PART 2	> 95%	100%
WATER ABSORPTION	PART 3	≤ 0,5%	0,07 %
BREAKING STRENGTH	PART 4	≥ 1300 N	2195 N
MODULUS OF RUPTURE	PART 4	≥ 35 N/mm ²	38,4 N/mm ²
COEFFICIENT OF RESTITUTION	PART 5	Declared value	0,83
RESISTANCE TO SURFACE ABRASION	PART 7	Report class and cycles	Cycles 6000 Class 4
LINEAR THERMAL EXPANSION	PART 8	Declared value	6,7 x10 ⁻⁶ /°C
THERMAL SHOCK RESISTANCE	PART 9	Declared value	Resistant
MOISTURE EXPANSION	PART 10	Declared value	0,01% 0,10mm/m
CRAZING RESISTANCE	PART 11	required	Resistant
FROST RESISTANCE	PART 12	required	Resistant
CHEMICAL RESISTANCE	PART 13	Minimum B	Resistant
STAIN RESISTANCE	PART 14	Minimum Class 3	Class 5
LEAD AND CADMIUM RELEASE	PART 15	Declared value	Pb <0,01 mg/dm ² Cd <0,001 mg/dm ²

SLIP RESISTANCE Inclined plat form	DIN 51130 DIN 51097	TMA* TMA*	R9 B
LIGHTFASTNESS OF COLOURS	DIN 51094	No variations	Pass

* Test Method Available

MODENA CENTRO PROVE SRL

P.I. De Pasquale Roberto
 Ceramic Section Manager
 Tel. 059 822417
 Fax 059 380281
 3. VA S.C. F. 01592020364

Pag. 1 di 1



DECLARATION OF PERFORMANCE

No: 001 & 002 /21-PRC-03012022

1- UNIQUE ID OF THE PRODUCT:

**DRY-PRESSED CERAMIC (GLAZED & UNGLAZED PORCELAIN) TILES,
WITH WATER ABSORPTION $E_v \leq 0.5\%$**

The individual design Name, Batch code, shades, will be provided on the proforma invoice and/or any other accompanying document. And will be printed on the product packing.

2- INTENDED USED:

INTERNAL AND EXTERNAL FLOORINGS AND WALLS.

3- NAME & ADDRESS OF MANUFACTURER:

PORCELLAN CO. LLC

P.O. Box 74684, Industrial City Abu Dhabi (ICAD II), Mussafah, Abu Dhabi, UAE

TRADE MARK: **PORCELLAN.**

4- SYSTEM OF ASSESSMENT AND VERIFICATION OF CONSTANCY OF
PERFORMANCE

SYSTEM 3.

5- NAME AND IDENTIFICATION NUMBER OF NOTIFIED BODY:

MODENA CENTRAL PROVE SrL Italy. Notified Body no. 1599

6- DECLARED PERFORMANCE

Characteristics	Declared value	Harmonized Technical Specification
-----------------	----------------	--

CE Declaration of Performance, Porcellan Co LLC, Abu Dhabi, UAE

Page 1 of 2

شركة بوسسلان ذ.م.م - أيكاد ٢، المصفح - ص.ب. ٧٤٦٨٤، أبو ظبي، إ.ع.م. - هاتف ٢٥٥٠ ٣٣٣٦ | فاكس ٢٥٥٠ ٣٣٣٧
PORCELLAN CO. LLC - ICAD 2, Musaffah - PO Box 74684, Abu Dhabi, UAE - T. +971 2 550 3336 | F. +971 2 550 3337

www.porcellan.com

modena/prove

Reaction to fire	Class - A1fl (Without testing – Decision 96/603 EC as amended)	EN 14411:2016
Modulus of rupture	>35 N/mm² (Test according to EN ISO 10545-4)	
Breaking strength	>1300 N (Test according to EN ISO 10545-4)	
Slipperiness	R 9 & R 9 (Test according to DIN 51130:2004)	
Skid resistance	Classification – B & A (Slip angle -19° & 12°) (Test according to DIN 51097:1992)	
Thermal shock resistance	Resistant (Test according to EN ISO 10545- 9)	
Freeze/thaw resistance (Frost resistance)	Resistant (Test according to EN ISO 10545-12)	
Release of dangerous substances: - Release of cadmium - Release of lead	< 0.001Mg/dm² < 0.01 Mg/dm² (Test according to EN ISO 10545-15)	

This performance of the product identified in point # 1 is in conformity with the declared performance in point # 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point # 3.

Signed for and On Behalf of the manufacturer by:

Dr. Hisham El Seddik

Chief Executive Officer

Porcellan Co. L.L.C

24.01.2022, Abu Dhabi, UAE




Signature/ Stamp

CE Declaration of Performance, Porcellan Co LLC, Abu Dhabi, UAE

Page 2 of 2

شركة بورسلان ذ.م.م. - أيكاد 2. المصفح - ص.ب. 74684، أبو ظبي، إ.ع.م. - هاتف ٢٥٥٠ ٣٣٣٦ | فاكس ٢٥٥٠ ٣٣٣٧
PORCELLAN CO. L.L.C - ICAD 2, Musaffah - PO Box 74684, Abu Dhabi, UAE - T. +971 2 550 3336 | F. +971 2 550 3337

www.porcellan.com





Notified Body no. 1599

PORCELLAN CO. L.L.C., Mussafah, P.O. Box: 74684, Abu Dhabi, U.A.E.

11

002 / 21 – PRC - 03012022

EN 14411 : 2016

Dry pressed ceramic (Un Glazed Porcelain) tiles, with water absorption $E_v \leq 0.5\%$ for internal & external floorings & walls.

Characteristics	Declared value
Reaction to fire	Class - A1fl (Without testing – Decision 96/603 EC as amended)
Modulus of rupture	>35 N/mm² (Test according to EN ISO 10545-4)
Breaking strength	>1300 N (Test according to EN ISO 10545-4)
Slipperiness	R 9 (Test according to DIN 51130:2004)
Skid resistance	Classification – A (Slip angle -12 °) (Test according to DIN 51097:1992)
Thermal shock resistance	Resistant (Test according to EN ISO 10545- 9)
Freeze/thaw resistance (Frost resistance)	Resistant (Test according to EN ISO 10545-12)

Dr. Hisham El Seddik

Chief Executive Officer

Porcellan Co. L.L.C



Notified Body no. 1599

PORCELLAN CO. L.L.C., Mussafah, P.O. Box: 74684, Abu Dhabi, U.A.E.

11

001 / 21 – PRC - 03012022

EN 14411: 2016

Dry pressed ceramic (Glazed Porcelain) tiles, with water absorption $E_v \leq 0.5\%$ for internal & external floorings & walls.

Characteristics	Declared value
Reaction to fire	Class - A1fl (Without testing – Decision 96/603 EC as amended)
Modulus of rupture	> 35 N/mm² (Test according to EN ISO 10545-4)
Breaking strength	>1300 N (Test according to EN ISO 10545-4)
Slipperiness	R 9 (Test according to DIN 51130:2004)
Skid resistance	Classification – B (Slip angle -19°) (Test according to DIN 51097:1992)
Thermal shock resistance	Resistant (Test according to EN ISO 10545- 9)
Freeze/thaw resistance (Frost resistance)	Resistant (Test according to EN ISO 10545-12)
Release of dangerous substances	
<ul style="list-style-type: none"> - Release of cadmium - Release of lead 	< 0.001 Mg/dm² < 0.01 Mg/dm² (Test according to EN ISO 10545-15)

Dr. Hisham El Seddik

Chief Executive Officer

Porcellan Co.L.L.C

شركة بورسلان ذ.م.م. - ألكاد 2، المصفح - ص.ب. 74684، أبو ظبي، إ.ع.م. - هاتف 2 550 3336 | فاكس 2 550 3337
PORCELLAN CO. L.L.C - ICAD 2, Musaffah - PO Box 74684, Abu Dhabi, UAE - T. +971 2 550 3336 | F. +971 2 550 3337

www.porcellan.com

mo Al madie

CIVIL SUPPLIER REGISTRATION CERTIFICATE



Issue Date:

17 March 2020

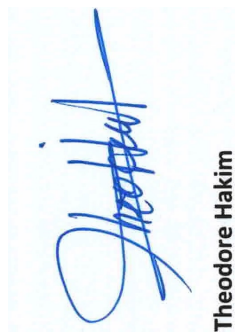
We hereby register the Supplier:

Porcellan

ADCE Vendor Code:

v0002101

Please refer Schedule A for Materials


Theodore Hakim


Rabeh Jadou Helal

Registration Review Committee Signature 1

Registration Review Committee Signature 2



Disclaimer:

- 1) It is the role of the Consultant to select materials from the registered list.
- 2) The specifications of the selected materials are the sole responsibility of the Consultant.
- 3) Nothing in this Registration Certificate absolves the Supplier or the Consultant from any liability towards any party. ADCE does not make any warranty or representation as to the quality, fitness for purpose, or suitability of the Materials and shall not be liable to any party for any loss including but not limited to the financial condition of the Supplier, the performance and observance by the Supplier or the Consultant of any contract or arrangement, or the accuracy of any statements made by the Supplier or the Consultant. Any representations or warranties implied by law are excluded. The issuing of this certificate does not confer any authority upon the Supplier or the Consultant.
- 4) This certificate is valid for one year from issue date.

CIVIL SUPPLIER REGISTRATION CERTIFICATE

ADCE Vendor Code:

V0002101

Schedule A

PORCELAIN TILE -Floor Wet Areas - Porcellan - UAE
PORCELAIN TILE - WALL Wet Areas - Porcellan - UAE
PORCELAIN TILE (FLOOR) - Porcellan - UAE
PORCELAIN TILE (WALL) - Porcellan - UAE



SCS Global Services does hereby certify that an independent assessment has been conducted on behalf of:

PORCELLAN CO. LLC

Plot: 49 & 50 – MR2, ICAD 2, Mussafah, P.O. Box 74684, Abu Dhabi, United Arab Emirates

For the following product(s):

Porcelain Tile:

Glazed Porcelain Tile (30cm x 30cm, 40cm x 40cm, 30cm x 60cm, 45cm x 45cm, 60cm x 60cm, 60cm x 90cm, 80cm x 80cm, 100cm x 100cm, 60cm x 120cm)

Un-Glazed Porcelain Tile (30cm x 30cm, 40cm x 40cm, 30cm x 60 cm, 45cm x 45cm, 60cm x 60cm, 60cm x 90cm, 80cm x 80cm, 100cm x 100cm, 60cm x 120cm)

The product(s) meet(s) all of the necessary qualifications to be certified for the following claim(s):

FloorScore®

Indoor Air Quality Certified to SCS-EC10.3-2014 v4.1

Conforms to the CDPH/EHLB Standard Method v1.2-2017 (California Section 01350), effective April 1, 2017, for the school classroom and private office parameters when modeled as Flooring.

Measured Concentration of Total Volatile Organic Compounds (TVOC): Less than/equal to 0.5 mg/m³ (in compliance with CDPH/EHLB Standard Method v1.2-2017)

Registration # SCS-FS-03128

Valid from: August 1, 2022 to July 31, 2023

SCS Global Services is currently the only certification body approved by the Resilient Floor Covering Institute (RFCI) to provide FloorScore® product certification; certified products are only listed on the SCS Green Products Guide, <http://www.scsglobalservices.com/certified-green-products-guide>.



ANSI National Accreditation Board

A C C R E D I T E D

ISO/IEC 17065

PRODUCT CERTIFICATION
BODY

SCSglobal
SERVICES

Stanley Mathuram

Stanley Mathuram, PE, Executive Vice President
SCS Global Services
2000 Powell Street, Ste. 600, Emeryville, CA 94608 USA



شهادة ترخيص باستعمال علامة الجودة License For Use of The Quality Mark

رقم الترخيص: 1-000000000001316-1436 License Number:

SASO certifies that it has granted the right to use (SASO) quality mark on the following products, after fulfilling the required requirements according to the related normative references:

تشهد الهيئة السعودية للمواصفات والمقاييس والجودة بأنها رخصت باستعمال علامة الجودة على المنتجات الموضحة أدناه بعد استيفائها للمتطلبات اللازمة وفق المراجع القياسية الخاصة بها:

The Establishment:

Porcellan Co L.L.C

المنشأة:

The Establishment's Address:

Icad 2, Mussafah, P.O. Box # 74684, Abudhabi , UAE

عنوان المنشأة:

Production Line Location:

Icad 2, Mussafah, P.O. Box # 74684, Abudhabi , UAE

موقع خط الإنتاج:

Normative References:

SASO ISO 13006/2018
اللائحة الفنية لمواد البناء – الجزء الرابع

المراجع القياسية:

The Trade Mark:

Porcellan

العلامة التجارية:

The Product:

بلاط السيراميك

المنتج:

(تفاصيل المنتج في الملحق)

Date of Granting:

28/10/2016

تاريخ المنح:

Date of Renwal:

28/10/2022

تاريخ التجديد:

Date of Expiry:

27/10/2025

تاريخ الانتهاء:

نائب المحافظ للمطابقة والعمليات
Vice-Governor, Operations and Conformity

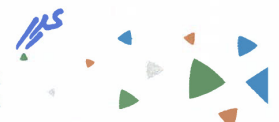
المهندس / سعود بن راشد العسكر
Eng. Saud R. AlAskar



ملاحظة

للتأكد من صحة هذه الشهادة يرجى زيارة موقعنا على الإنترنت، وأي كسب أو تغيير في هذه الشهادة يلغيها.
To verify this certification visit SASO website, and any changes or modification on this certificate will affect its validity.

1 / 2



ملحق شهادة ترخيص باستخدام علامة الجودة
Appendix (License For Use of The Quality Mark)

Porcellan Co L.L.C

1-0000000000001316-1436

27/10/2025

طريقه اصلاح

Porcellan

The establishment:
Certificate No.:
Certificate Expiration Date:
Product:
Brand Name:

المقاسات Size	تاريخ المنح/التجديد Date of Granting/Renewal	الصف Classification	م No.
-	28/10/2022	بلاط سيراميك (بورسلان) مشكل بالكليس الجاف منخفض الامتصاص للماء $E_v \leq 0.5\%$ ، مجموعة (Bla) ، مزجج (Glazed) وغير مزجج (Ungazed) ، مقوم (Rectified)	1

للتأكد من صحة هذه الشهادة يرجى زيارة موقعنا على الإنترنت، وأي كسش أو تغيير في هذه الشهادة يلغيها.
To verify this certification visit SASO website, and any changes or modification on this certificate will affect its validity.

2/2

QMS-F-10-10
Issue # 5
Rev # 1
Date 25/04/1441
Date 02/05/1442

المملكة العربية السعودية
Kingdom of Saudi Arabia

الرياض 3437
P.O.Box 3437

ص.ب. 3437
Rivadh 11471

T 920009085
F +966114520086

www.saso.gov.sa
info@saso.gov.sa



  	<h2 style="text-align: center;">بجائزة تسجيل شركة</h2>	<p>الاسم المسجل</p> <p>رقم الرخصة التجارية المسجلة</p> <p>رقم التسجيل</p> <p>نوع التسجيل</p>
<p>شركة بورسلان ذ م م</p> <p>1316 :</p> <p>2323-CCB :</p> <p>مقاول و الصيانة وإدارة المرافق</p>		<p>الملاحظات:</p> <ul style="list-style-type: none"> - صلاحية التسجيل سارية لمدة ثلاث سنوات - عند وجود أي تعديل أو تغيير في بيانات الشركة خلال الفترة أعلاه يتم التعديل على موقع الأشغال العسكرية www.dmw.gov.ae - أرقام التواصل بما يخص المطاع هاتفا 0097124961946 والفاكس 0097124962204 والبريد الإلكتروني tnd@milmail.ae

04/05/2016



بورسلان PORCELLAN

أيكاد ٢، المصفح - ص.ب. ٧٤٦٨٤، أبوظبي، إ.ع.م. - هاتف ٢٥٥٠ ٣٣٣٦ | فاكس ٢٥٥٠ ٣٣٣٧ +٩٧١
ICAD 2, Musaffah - PO Box 74684, Abu Dhabi, UAE - T. +971 2 550 3336 | F. +971 2 550 3337