



MAXIMUS
MEGA SLAB

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MEGA SLAB

RAK
CERAMICS

From the world's leading ceramics lifestyle solution provider

Maximus is the mega slab program by RAK Ceramics. RAK Ceramics helps architects and interior designers create icons and build marvels. It provides sustainable materials that inspire ideas, shapes and hues designed to freely express any style. Unique and inspiring products that realistically resemble natural materials, with unlimited choice.

RAK Ceramics gives porcelain perfection and limitless imagination. Its passion and expertise combined with a careful attention to details enables it to provide designers and end users with a wide range of integrated ceramics solutions, allowing their freedom to be creative and plenty of room for imagination.



Developed by RAK Ceramics lab

Innovation is the heart of RAK Ceramics philosophy and the company is a pioneer in introducing hi-tech innovations that are a breakthrough in the industry and a world leader in the production of ceramic and porcelain tiles ideal for use of indoor and outdoor spaces for wall and floor coverings for residential, retail and industrial projects.

A wide range of technologies are used at the state-of-the-art plants including big slabs pressing technology, advanced digital printing technology for industrial decoration and effects, translucent, double and triple charged feeding systems, digital soluble salts, thermal resistant komfy glaze, slim, anti-microbial, glow in the dark, and other advanced technologies.

RAK Ceramics is known for the wide product range and size range and for its ability to produce bespoke ranges for both small and large scale projects, enabling its clients to bring their idea to life.



Quality makes us different

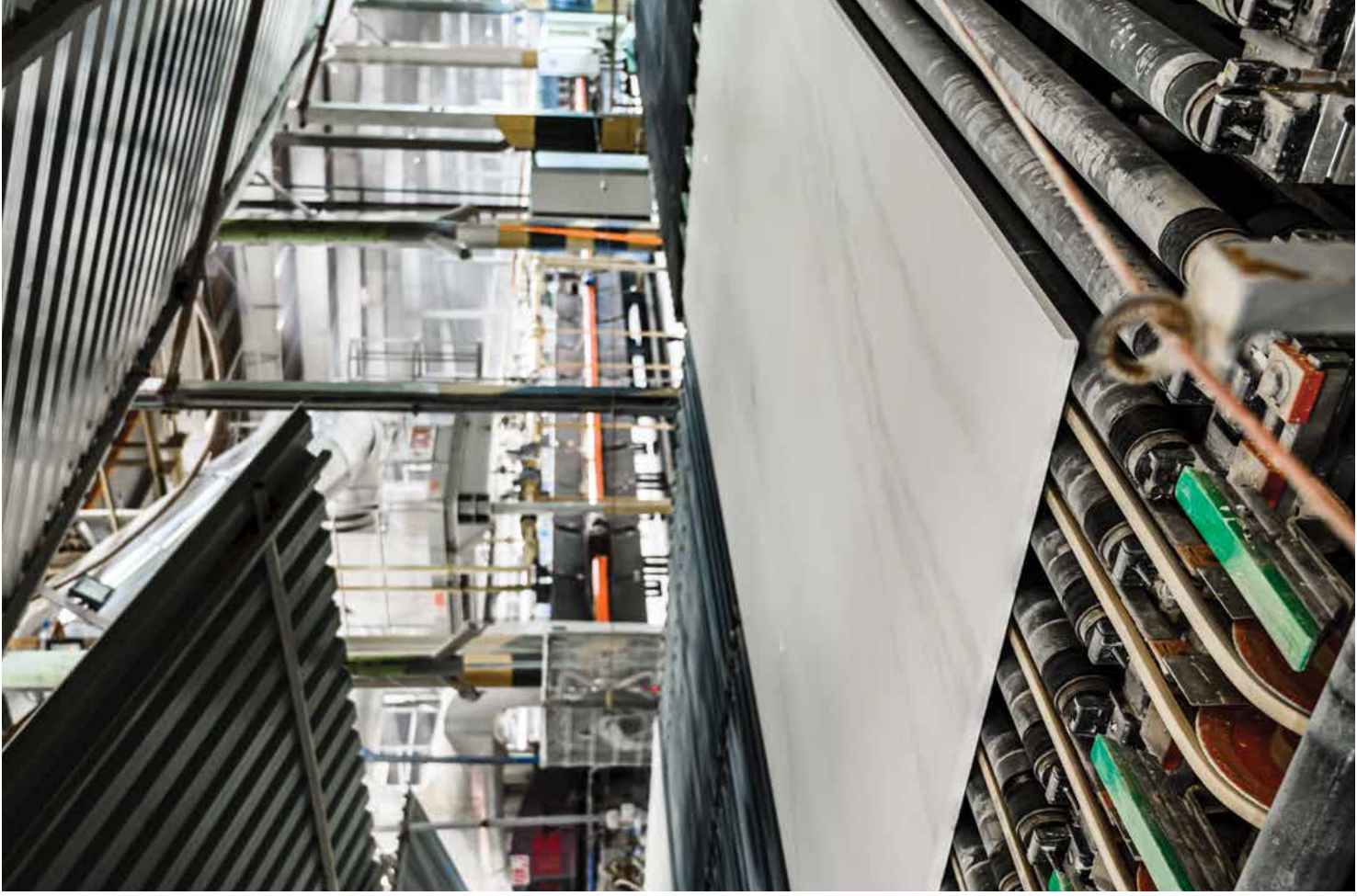
RAK Ceramics was the first company in United Arab Emirates being awarded with ISO 9001 certification by internationally recognized UK certification body "CICS" (Ceramic Research Institute Certification Scheme) for ceramics tiles and sanitary wares. Bureau Veritas Certifications verified the implementation of RAK Ceramics' quality management system and certified the company in compliance with the requirements of ISO 9001:2015 with the scope covering the design, development, production and supply of ceramics and porcelain floor and wall tiles, slabs and vitreous china sanitary wares.

Bureau Veritas Certifications also certified RAK Ceramics for ISO 14001:2015 Environmental Management System.

RAK Ceramics manufactures ceramic tiles according to the latest version of ISO 13006 and/or EN 1441 standards with equivalent ANSI A137.1 American national standard specifications for ceramics tiles.

Its Testing Laboratory is operating in accordance to ISO/IEC 17025 accredited by NATA (National Association of Testing Authorities, Australia).

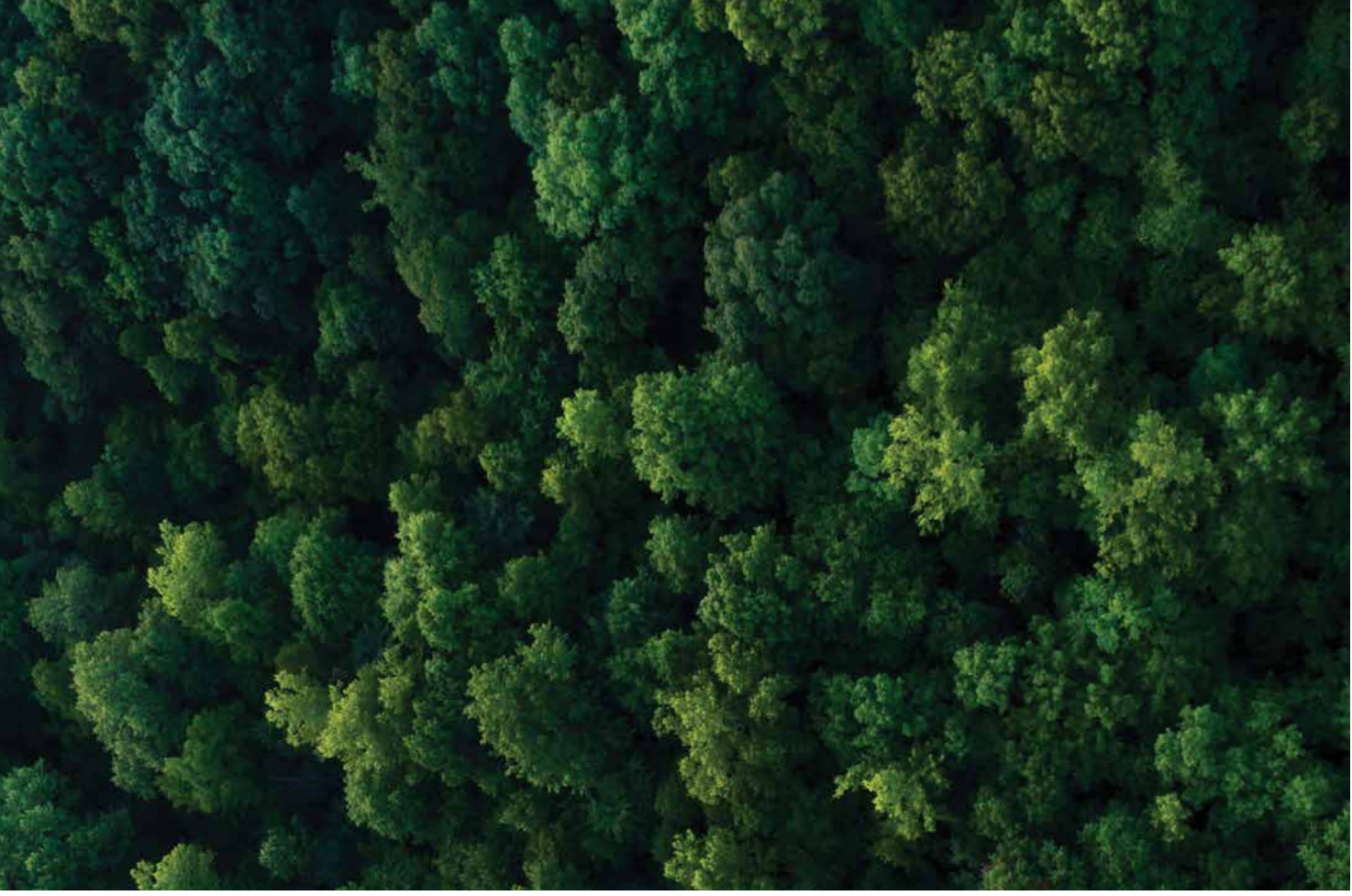
Being a corporate member of EGBC (Emirates Green Building Council), RAK Ceramics supports the promotion and development of sustainable buildings in United Arab Emirates.



We play our role for a better environment and society

Sustainability in every sphere of business is one of the main elements of RAK Ceramics mission statement. The company is committed to practicing environmental stewardship throughout its manufacturing chain – from product design and efficient operations processes – and to playing an active role in building a better community by enhancing the surrounding environment. Organization's activities improve energy efficiency, reduce pollution, enhance biodiversity and improve the quality of life for both people in the communities it operates in and for its workforce. It recycles natural raw materials to help conserve natural resources and adopts clean development mechanism (cdm) projects to reduce carbon emissions during the manufacturing process.

RAK Ceramics is the first ceramics manufacturing company in its region to produce a global reporting initiative (gri) sustainability and corporate social responsibility (csr) report, based on the latest gri-gr4 guidelines. RAK Ceramics is a founding member of Emirates Green Building Council, which supports the development of sustainable buildings in the UAE.





A track record of expertise

Maximus' products feature in a wide range of projects: from private residential interiors to some of the most iconic buildings in the world. From the Burj Al Arab, Atlantis on The Palm and Ferrari World, to Dubai Duty Free, Wembley Stadium, The O2 Arena, Mercedes Benz Showrooms, Airports, Residential Developments and Shopping Malls all over the world.

MAXIMUS

MEGA SLAB

144x305 cm
56.69" x 120.07"
> 14 mm
Unrectified



120x280 cm
47.24" x 110.23"
> 6 mm
Rectified





The design possibilities are endless.

Imagine a tiled space with virtually no grout lines.
Imagine limitless possibilities for your surfaces and unparalleled flexibility for any kind of applications.

Maximus is available in 2 thicknesses and a range of finishes with 2 sizes.

Heat resistance, recyclable, light weight, durable and easy to clean.

Maximus is the best answer to the most challenging architectural and interior design needs.



High performance sintered slabs

Versatile and simply beautiful, the Maximus slab revolutionizes the design and architecture world by opening up new perspectives in tiles application that were previously unimaginable.

All the continuous surfaces are designed for any type of application: floor and walls, cladding, furnishing, countertops and provide creative flexibility and high technical and aesthetic performances.



WALLS AND FACADE

COUNTERTOP/KITCHEN
TOP

FURNITURE

FLOOR

MAXIMUS
MEGA SLAB

Wall

The best solution to create astonishing vertical surfaces like kitchen walls, bathroom and all the other walls. Maximus gives all your rooms a great personality and allows you to freely express your style.



Floor

Maximus has created a world where big is beautiful - with visually expanded spaces and fewer design interruptions. The application on the floor is the best way to appreciate its endless possibilities, exhibiting incredible aesthetic appeal and high resistance to stress.





Countertop and Kitchen top

Countertop surfaces is the next generation of Maximus application: kitchen tops, vanity tops and stairs made from a single piece of porcelain, creating a stunning visual and seamless design.

Furniture

The best answer to a big trend, Maximus is ideal for dressing up modern spaces and covering doors, tables, kitchen doors or living room furniture. Choose your favorite decorating style in order to create a coordinated environment. Marble, metal, stone and concrete become part of the interior design without any compromise.



Table Top: Pietrasanta Marble Hyper White



Facade

The technical performances of the gigantic sized Maximus slabs are the perfect solution for the external cladding of buildings. High resistance, light weight, easy to install and maintain, with a high aesthetic and energy value that enhance the building industry.



UNI

Available in multiple choice of solid colours, Maximus Mega slab UNI collection can be used to cover walls, floors, facades, furniture or as a replacement for kitchen surfaces and bathroom vanity units. UNI is a must for architect and interior design projects.

Wall and Floor: Uni Dark Black
Counter: Uni Dark Black

UNI



UNIDARK BLACK

Full Body Porcelain Tiles • Polished / Matt

>|< 14 mm
144x305 cm
56.69'x120.07'
Unrectified

>|< 6 mm
120x280 cm
47.24'x110.23'
Rectified

UNI



UNIDARK GREY

Full Body Porcelain Tiles • Polished / Matt

>|< 14 mm
144x305 cm
56.69'x120.07'
Unrectified

>|< 6 mm
120x280 cm
47.24'x110.23'
Rectified

UNI



UNI HYPER WHITE

Full Body Porcelain Tiles • Polished / Matt

>k 14 mm
144x305 cm
56.69'x120.07"
Unrectified

>l< 6 mm
120x280 cm
47.24'x110.23"
Rectified

UNI



UNI LIGHT GREY

Full Body Porcelain Tiles • Polished / Matt

>k 14 mm
144x305 cm
56.69'x120.07"
Unrectified

>l< 6 mm
120x280 cm
47.24'x110.23"
Rectified

NAME	
UNI HYPER WHITE	
SIZES (cm / inches)	THICKNESS (mm)
144x305 / 56.69'x120.07"	14
CODE (polished)	CODE (matt)
A4MGMAXI-HW-X0XCD	A4MGMAXI-HWH-S0XCU
SIZES (cm / inches)	THICKNESS (mm)
120x280 / 47.24'x110.23"	6
CODE (polished)	CODE (matt)
A82GMAXI-HWH-X0X6P	A82GMAXI-HWH-S0X6R

NAME	
UNI LIGHT GREY	
SIZES (cm / inches)	THICKNESS (mm)
144x305 / 56.69'x120.07"	14
CODE (polished)	CODE (matt)
A4MGMAXI-LIG-X0XCD	A4MGMAXI-LIG-S0XCU
SIZES (cm / inches)	THICKNESS (mm)
120x280 / 47.24'x110.23"	6
CODE (polished)	CODE (matt)
A82GMAXI-LIG-X0X6P	A82GMAXI-LIG-S0X6R



UNIVORY

Full Body Porcelain Tiles • Polished / Matt

>|< 14 mm
144x305 cm
 56.69'x120.07'
 Unrectified

>|< 6 mm
120x280 cm
 47.24'x110.23'
 Rectified



UNIMOCCA

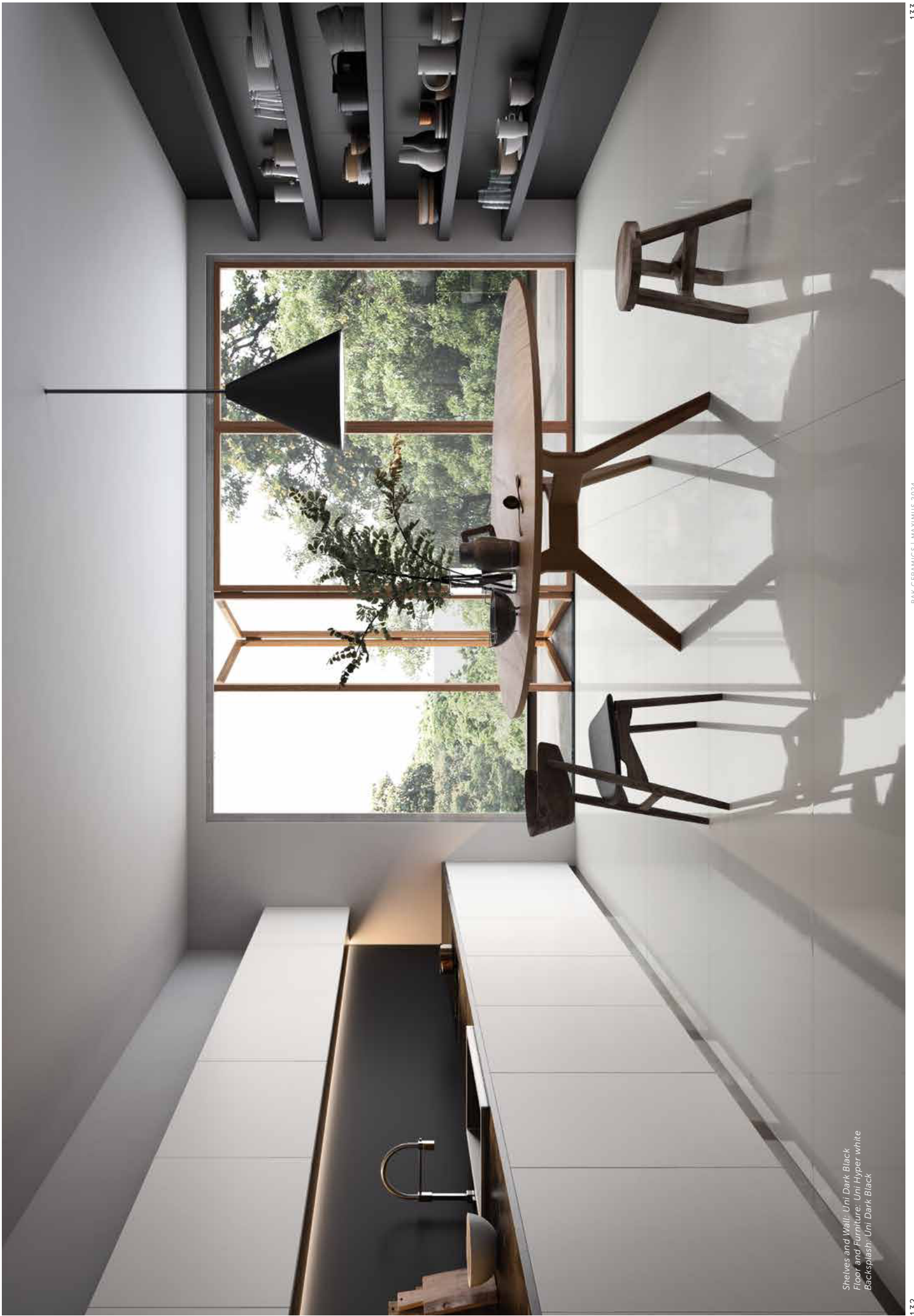
Full Body Porcelain Tiles • Polished / Matt

>|< 14 mm
144x305 cm
 56.69'x120.07'
 Unrectified

>|< 6 mm
120x280 cm
 47.24'x110.23'
 Rectified

NAME	
UNIVORY	
SIZES (cm / inches)	THICKNESS (mm)
144x305 / 56.69'x120.07'	14
CODE (polished)	CODE (matt)
A4MGMAXI-IVO.XDXCD	A4MGMAXI-IVO.SDXCU
SIZES (cm / inches)	THICKNESS (mm)
120x280 / 47.24'x110.23'	6
CODE (polished)	CODE (matt)
A82GMAXI-IVO.XDX6P	A82GMAXI-IVO.SDX6R

NAME	
UNIMOCCA	
SIZES (cm / inches)	THICKNESS (mm)
144x305 / 56.69'x120.07'	14
CODE (polished)	CODE (matt)
A4MGMAXI-MOK.XDXCD	A4MGMAXI-MOK.SDXCU
SIZES (cm / inches)	THICKNESS (mm)
120x280 / 47.24'x110.23'	6
CODE (polished)	CODE (matt)
A82GMAXI-MOK.XDX6P	A82GMAXI-MOK.SDX6R



Shelves and Wall: Uni Dark Black
Floor and Furniture: Uni Hyper white
Backsplash: Uni Dark Black



Wall: Uni Hyper White
Floor: Uni Dark Grey



Wall: Uni Light Grey
Counter: Uni Ivory



Wall and Backsplash: Versilia Marble-Hyper White
Furniture: Uni Dark Black



Cooking
RAK

CookingRAK revolutionises the kitchen with its hidden induction system fully integrated into the countertop – the perfect combination of aesthetics and functionality.

archiproducts
AWARDS
WINNER



ENERGY EFFICIENT

Uses less energy than traditional electric systems and gas without compromising the cooking quality.

AESTHETIC AND FUNCTIONAL

A seamlessly designed kitchen countertop made for dining and entertaining.

VERSATILE

Available in a wide range of colours and effects that perfectly fit any style and can be installed indoors or outdoors.

SAFE TO USE

No heat is transferred to the surface, which makes it safe to use even for kids.

EASY TO CLEAN

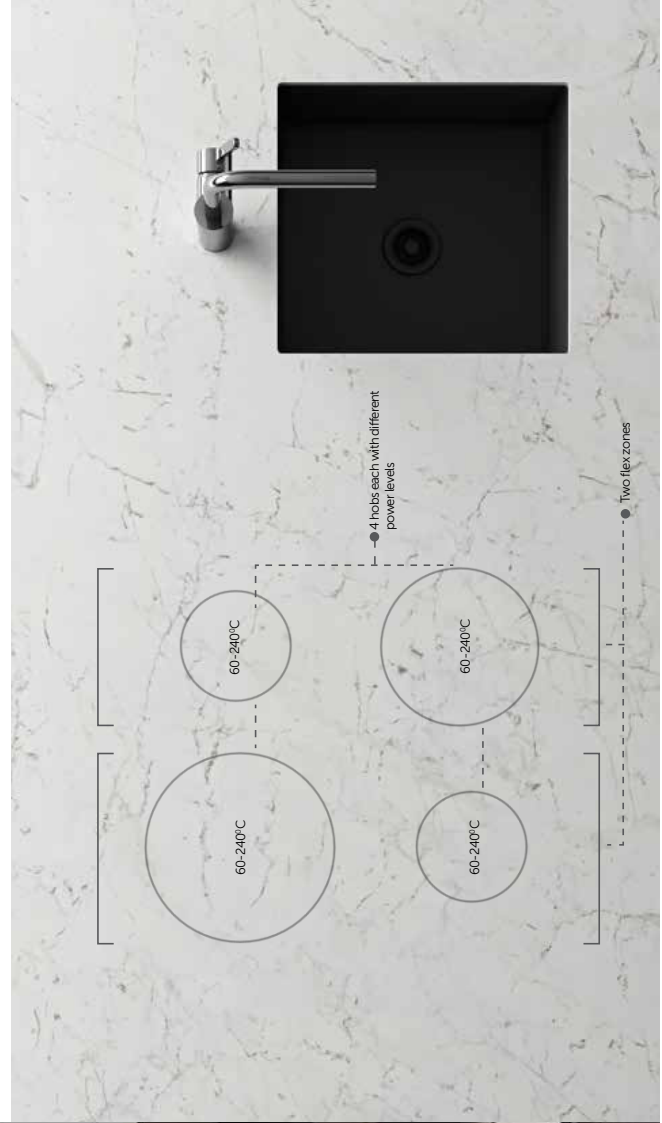
Made of non-porous material that does not harbor molds and bacteria, making it food-safe and easy to clean.



CONTROLS

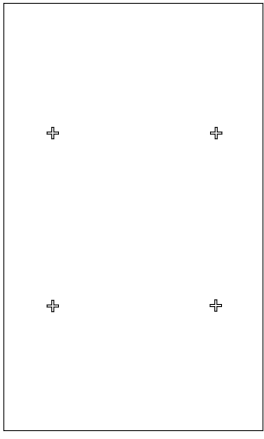
- Zone Control
- Timer
- Power Control
- Temperature Control
- Security Shutdown

APP

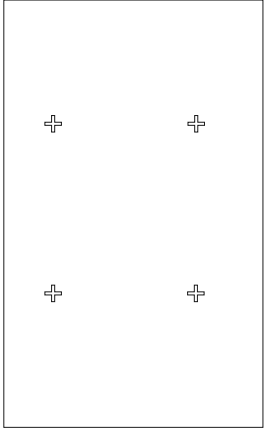


CUSTOMISATION

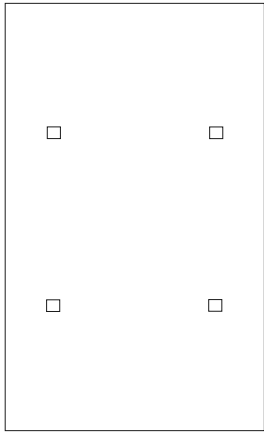
To conveniently locate the cooking zones on the countertop, the RAK Ceramics slabs can be customised to add special markings in six modifications that will suit any kitchen style. This process does not affect the quality or absorbency of the slab.



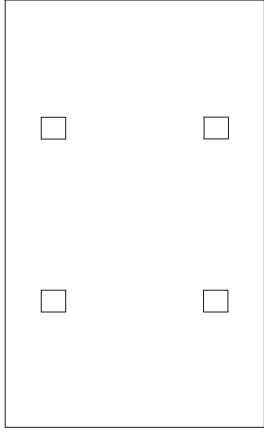
Mod 1A



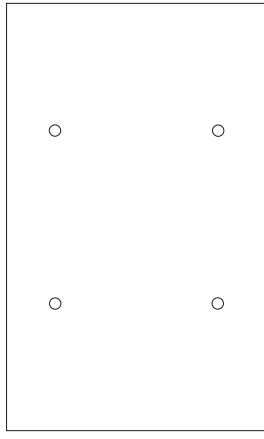
Mod 1B



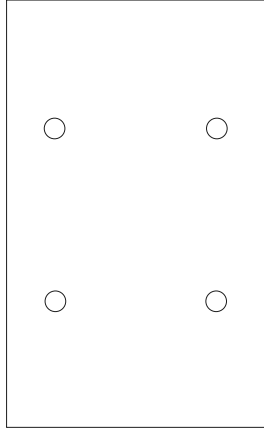
Mod 2A



Mod 2B



Mod 3A



Mod 3B

INVISIBLE WIRELESS CHARGER



Charging Distance
30mm Max



Output
10W Max



Under Table
Installation



Supports all wireless
charging phones



30mm(1.18")
Max Charging Distance



The CookingRAK system comes with four silicone pads, which are mandatory to use while cooking to improve the induction performance.



“Sometimes, evolution is invisible”

The 3-star Michelin Chef Massimo Bottura, in the intimacy of his kitchen, tells us a revolutionary story, a story where what is “invisible” becomes visible and changes things. We are at Casa Maria Luigia, in the heart of the Emilian countryside, where flavors dance and passion is the real engine of extraordinary feats.

“The main concept that has driven my work over the last 25 years is evolving tradition. We cannot ignore flavours that have been distilled over centuries of history, but our kitchen is also a laboratory in which we observe, experiment, collaborate, and share, drawing inspiration from the team’s cultural biodiversity. When I think of the new CookingRAK top, the first thing that comes to mind is “beauty”. Natural materials, clean shapes, and straightforward lines. Creating “beautiful” things is extremely difficult, especially in the kitchen. You must create something that is functional for what you need to do while also being simple; this is the most difficult aspect. Technology, for example, is extremely important in kitchen. There is nothing without technology.”

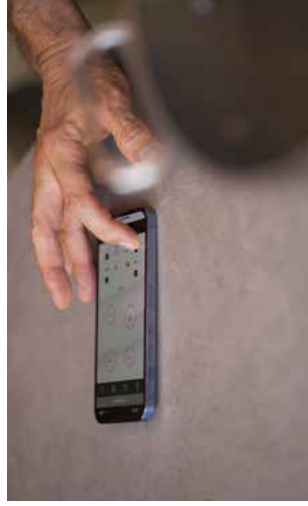
CookingRAK is technology and design, it’s invisible and designed to give maximum emphasis to the preparation of dishes. But it is also an element around which people live and discuss and in Massimo Bottura’s kitchen, conviviality is extremely important.

“My entire childhood was spent huddled around a large dining room table with my five brothers, mom, dad, uncles and grandmothers. My passion for this profession stems from that sense of movement, the loud chatter, the confusion, and the sense of food as a bond. My family has grown today. My team represents my family and my future. When we reach out to people from different backgrounds and cultures, we share ideas and knowledge and grow together. Consider this beautiful, essential, natural surface on which you can cut, cook, clean, and eat all at the same time. You can have your team there, as well as guests and friends.”

CookingRAK is as revolutionary as the small but exceptional ideas. It’s invisible, like innovation, like genius. It’s simple, it’s beautiful, it’s social and it’s green, because it’s very careful about limiting waste and in the kitchen, wasting things is not allowed... much less energy. CookingRAK uses less energy than traditional electrical systems, without compromising the quality of the preparations. Externally there is beauty, inside there is innovation and creativity... invisible, but powerful, as something unexpected. Because sometimes evolution is invisible.



Massimo Bottura
3 Michelin Stars Chef





TECHNICAL SPECIFICATIONS

Product sizes



Technical specifications

TEST DESCRIPTION	STANDARD TEST METHOD	STANDARD REQUIREMENTS	RAK CERAMICS SPECIFICATION	
			Porcelain Tiles 14 MM THICKNESS 144x305	Full Body Porcelain Tiles 14 MM THICKNESS 144x305
Surface Quality	BS EN ISO 10545-2	A minimum of 95% of the tiles are to be free from visible defects	Minimum of 95% of the tiles are free from visible defects	
Length & Width	BS EN ISO 10545-2	± 1.0mm	± 1.0mm	± 1.0mm
Thickness	BS EN ISO 10545-2	± 0.5mm	± 0.5mm	± 0.5mm
Straightness Of Sides	BS EN ISO 10545-2	± 0.8mm	± 0.8mm	± 0.8mm
Rectangularity	BS EN ISO 10545-2	± 1.5mm	± 1.2mm	± 1.2mm
Surface Flatness: Centre Curvature	BS EN ISO 10545-2	± 1.8mm	± 1.8mm	± 1.8mm
Surface Flatness: Edge Curvature	BS EN ISO 10545-2	± 1.8mm	± 1.5mm	± 1.5mm
Surface Flatness: Warpage	BS EN ISO 10545-2	± 1.8mm	± 1.5mm	± 1.5mm
Water Absorption	BS EN ISO 10545-3	≤ 0.5%	≤ 0.4%	≤ 0.1%
Breaking Strength*	BS EN ISO 10545-4	≥ 1300 N	≥ 3500 N	≥ 3500 N
Modulus Of Rupture*	BS EN ISO 10545-4	≥ 35 N/mm ²	≥ 40 N/mm ²	≥ 40 N/mm ²
Resistance To Deep Abrasion	BS EN ISO 10545-6	≤ 175 mm ³	-	≤ 150 mm ³
Resistance To Surface Abrasion	BS EN ISO 10545-7	Report abrasion class	PEI CLASS 2-5	-
Coefficient Of Linear Thermal Expansion	BS EN ISO 10545-8	Test method available	≤ 7 X 10 ⁻⁶ /°C	≤ 7 X 10 ⁻⁶ /°C
Resistance To Thermal Shock	BS EN ISO 10545-9	Test method available	No visible defect	No visible defect
Frost Resistance	BS EN ISO 10545-12	Required	No crazing	No visible damage
Resistance To Household Chemicals & Swimming Pool Salts	BS EN ISO 10545-13	Minimum B	No visible damage	Class A No visible effect
Resistance To Low Concentrations Acids & Alkalis	BS EN ISO 10545-13	Manufacturer to state classification	Class A No visible effect	Class LA No visible effect
Resistance To High Concentrations Acids & Alkalis	BS EN ISO 10545-13	Test method available	Class LA No visible effect	Class HA No visible effect
Resistance To Staining (Natural)	BS EN ISO 10545-14	Min. Class 3	Min. Class 4 Stains removed	Min. Class 3 Stains removed
Resistance To Staining (Polished)	BS EN ISO 10545-14	Test method available	-	Min. Class 2 Stains removed

Note: * Technical specifications are applicable only to tiles in choice 'A'.
 - Any minor dots add to the natural feel of the material.
 * Test performed using 100X100 cm cut pieces from the slab.
 * Thickness is nominal

Packaging details

PALLET DIMENSIONS - 144x305 CM (14 MM THICKNESS)

Finish	Length (cm)	Height (cm)	Width (cm)
Matt / Polished	314	36	151

Vertical Pallet

Finish	Length (cm)	Height (cm)	Width (cm)
Matt / Polished	310	160	35

PACKING - 144x305 CM (14 MM THICKNESS)

Finish	TILE SIZE (CM)	TILE AREA (sqm)	KG per pc	PCS per pallet	TILE AREA per pallet (sqm)	WEIGHT per pallet (kg) Horizontal Pallet	WEIGHT per pallet (kg) Vertical Pallet
Matt	144x305	4.39	152	10	43.9	1630	1565
Polished	144x305	4.39	145	10	43.9	1560	1495

PALLET DIMENSIONS - 120x280 CM (6 MM THICKNESS)

Finish	Length (cm)	Height (cm)	Width (cm)
Matt / Polished	287	37	133

PACKING - 120x280 CM (6 MM THICKNESS)

Finish	TILE SIZE (CM)	TILE AREA (sqm)	KG per pc	PCS per pallet	TILE AREA per pallet (sqm)	WEIGHT per pallet (kg) Horizontal Pallet
Matt	120x280	3.36	70	20	67.2	1465
Polished	120x280	3.36	66	20	67.2	1383

Note: All weights and thickness mentioned in the above table are approximate average.

Technical specifications – Porcelain Tiles

TEST DESCRIPTION	STANDARD TEST METHOD	STANDARD REQUIREMENTS	RAK CERAMICS SPECIFICATION 6 MM THICKNESS (120x280)
Surface Quality	BS EN ISO 10545-2	A minimum of 95% of the tiles are to be free from visible defects	Minimum of 95% of the tiles are free from visible defects
Length & Width	BS EN ISO 10545-2	± 1.0mm	± 1.0mm
Thickness	BS EN ISO 10545-2	± 0.5mm	± 0.5mm
Straightness Of Sides	BS EN ISO 10545-2	± 0.8mm	± 0.8mm
Rectangularity	BS EN ISO 10545-2	± 1.5mm	± 1.2mm
Surface Flatness: Centre Curvature	BS EN ISO 10545-2	± 1.8mm	± 1.8mm
Surface Flatness: Edge Curvature	BS EN ISO 10545-2	± 1.8mm	± 1.5mm
Surface Flatness: Warpage	BS EN ISO 10545-2	± 1.8mm	± 1.5mm
Water Absorption	BS EN ISO 10545-3	≤ 0.5%	≤ 0.4%
Breaking Strength*	BS EN ISO 10545-4	≥ 700 N	≥ 700 N
Modulus Of Rupture*	BS EN ISO 10545-4	≥ 35 N/mm ²	≥ 35 N/mm ²
Resistance To Surface Abrasion	BS EN ISO 10545-7	Report abrasion class	PEI CLASS 2-5
Coefficient Of Linear Thermal Expansion	BS EN ISO 10545-8	Test method available	≤ 7 X 10 ⁻⁶ /°C
Resistance To Thermal Shock	BS EN ISO 10545-9	Test method available	No visible defect
Crazing Resistance	BS EN ISO 10545-11	Required	No crazing
Frost Resistance	BS EN ISO 10545-12	Required	No visible damage
Resistance To Household Chemicals & Swimming Pool Salts	BS EN ISO 10545-13	Minimum B	Class A No visible effect
Resistance To Low Concentrations Acids & Alkalis	BE EN ISO 10545-13	Manufacturer to state classification	Class LA No visible effect
Resistance To Staining	BS EN ISO 10545-14	Minimum class 3	Min. Class 4 Stains removed

Note:
- This technical specifications are applicable only to tiles in choice "A".
- Any minor dots add to the natural feel of the material.

* Test performed using 100X100 cm cut pieces from the slab.
* Thickness is nominal

Technical specifications - Full Body Porcelain Tiles

TEST DESCRIPTION	STANDARD TEST METHOD	STANDARD REQUIREMENTS	RAK CERAMICS SPECIFICATION 6 MM THICKNESS (120x280)
Surface Quality	BS EN ISO 10545-2	A minimum of 95% of the tiles are to be free from visible defects	Minimum of 95% of the tiles are free from visible defects
Length & Width	BS EN ISO 10545-2	± 1.0mm	± 1.0mm
Thickness	BS EN ISO 10545-2	± 0.5mm	± 0.5mm
Straightness Of Sides	BS EN ISO 10545-2	± 0.8mm	± 0.8mm
Rectangularity	BS EN ISO 10545-2	± 1.5mm	± 1.2mm
Surface Flatness: Centre Curvature	BS EN ISO 10545-2	± 1.8mm	± 1.8mm
Surface Flatness: Edge Curvature	BS EN ISO 10545-2	± 1.8mm	± 1.5mm
Surface Flatness: Warpage	BS EN ISO 10545-2	± 1.8mm	± 1.5mm
Water Absorption	BS EN ISO 10545-3	≤ 0.5%	≤ 0.1%
Breaking Strength*	BS EN ISO 10545-4	≥ 700 N	≥ 700 N
Modulus Of Rupture*	BS EN ISO 10545-4	≥ 35 N/mm ²	≥ 35 N/mm ²
Resistance To Deep Abrasion	BS EN ISO 10545-6	≤ 175 mm ³	≤ 150 mm ³
Coefficient Of Linear Thermal Expansion	BS EN ISO 10545-8	Test method available	≤ 7 X 10 ⁻⁶ /°C
Resistance To Thermal Shock	BS EN ISO 10545-9	Test method available	No visible defect
Frost Resistance	BS EN ISO 10545-12	Required	No visible damage
Resistance To Household Chemicals & Swimming Pool Salts	BS EN ISO 10545-13	Minimum B	Class A No visible effect
Resistance To Low Concentrations Acids & Alkalis	BE EN ISO 10545-13	Manufacturer to state classification	Class LA No visible effect
Resistance To High Concentrations Acids & Alkalis	BS EN ISO 10545-13	Test method available	Class HA No visible effect
Resistance To Staining (Natural)	BS EN ISO 10545-14	Test method available	Min. Class 3 Stains removed
Resistance To Staining (Polished)	BS EN ISO 10545-14	Test method available	Min. Class 2 Stains removed

Note:
- This technical specifications are applicable only to tiles in choice "A".
- Any minor dots add to the natural feel of the material.

* Test performed using 100X100 cm cut pieces from the slab.
* Thickness is nominal

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RAKCERAMICS.COM

Note: In printing, colour of the products may differ slightly from actual, pictures are only for reference.

RAK

CERAMICS