

CERAPAVE

Outdoor Paving Solutions



23
24

Cerapave 2.0 Series
Outdoor Tiles

W E L C O M E

TO OUR 2023-24 OUTDOOR PAVING RANGE

Ideal for patios and other exterior use, our countless design options can transform any outdoor area into a haven.

Cerapave 2.0 is the 20 mm thick porcelain stoneware by World of Stones, the right solution for any outdoor flooring. Cerapave 2.0 is hard-wearing, anti-slip, weather resistant, and capable of withstanding heavy loads without compromising aesthetics.

The product was designed for quick and easy dry installations on grass, sand, and gravel. Additionally, it is suitable for raised flooring installations that are perfectly level and suitable for terraces and

rooftops, allowing rainwater to flow below the floor, where it is collected on a waterproof membrane.

Cerapave 2.0 can be installed with adhesive for a floor extremely resistant to heavy loads. This installation creates an accessible cavity for utilities and could also improve the thermal insulation of the building. Cerapave 2.0 comes in various styles and has several unique pieces to match, such as drains, steps, overhanging tiles, and pool coping.



STATION BLACK

Unique Characteristics

Cerapave 2.0



Anti Slip

All tiles have a minimum anti slip value of R-11 making them excellent for outdoor use.



Load

Breaking load: 1000N
MOR: $\geq 35\text{N/mm}^2$



Chemical aggression

It resists acids, chemical agents, salts and verdigris.



Stains

Easy to clean - Porcelain tiles are non porous. It remains unaltered over time. mould and moss and dark smudges cannot get a hold.



Frost Resistant

Our porcelain tiles are impervious to moisture and temperature changes. They are also frost resistant.



Rectified Edges

Our outdoor paving range is rectified to make it ideal for exterior use.

CERAPAVE 2.0

20mm Outdoor Tiles

Explore our remarkable range of porcelain tiles that meet the demands of any setting. Through-body porcelain tiles with high technical and aesthetic characteristics are exalted by their increased thickness, achieving the best mechanical performance available in the market.

The most outstanding feature of porcelain is its composition. Only the purest materials are used,

with minerals, kaolin, feldspars, and clay making up 99% of each tile, making it compact, resistant material with virtually no porosity.

While decorative trends may vary, the tones of these porcelain tiles are timeless. With our fantastic collection of tiles, design your decor from a rustic, domestic vibe to a trendy, contemporary atmosphere.

STATION RANGE



Sizes Available
600 X 600 mm | 600 X 900mm
| 600 X 1200 mm
20 mm Thick

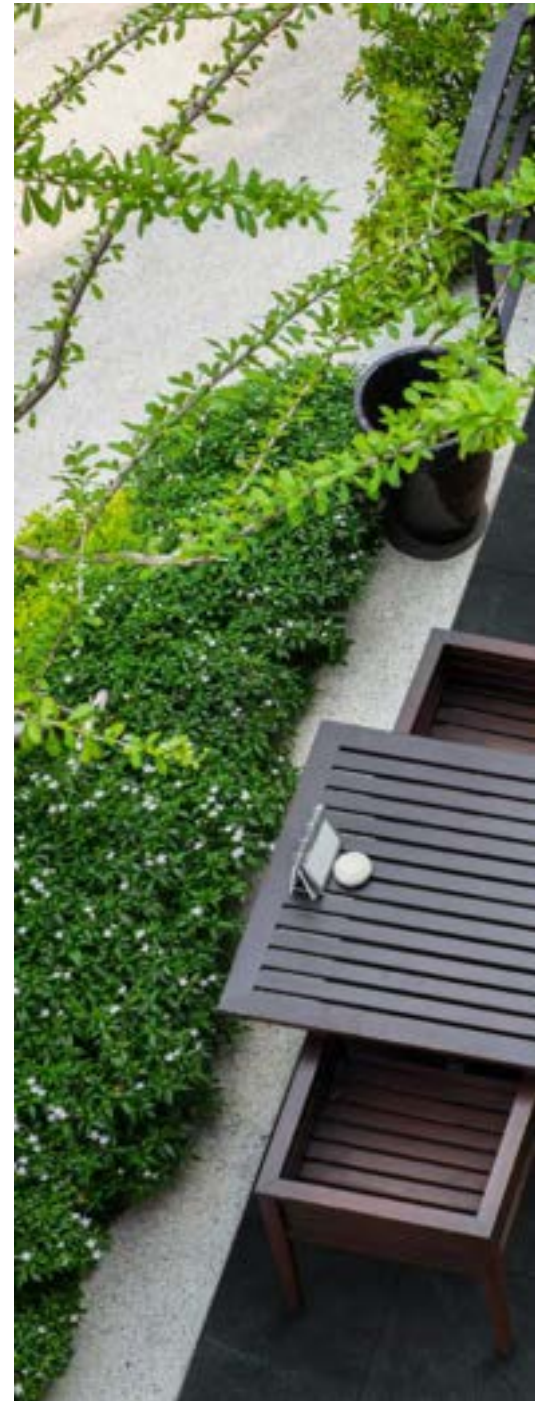
STATION BLACK



V3

STATION BLACK

LENGTH (MM)	WIDTH (MM)	THICKENSS (MM)
600	600	20
600	900	20
600	1200	20



Station Black



600 X 1200 mm

Station Black

Multiple Faces



STATION IRON



V2

STATION IRON

LENGTH (MM)	WIDTH (MM)	THICKENSS (MM)
600	600	20
600	900	20
600	1200	20





Station Iron

Multiple Faces



STATION PEARL



V2

STATION PEARL

LENGTH (MM)	WIDTH (MM)	THICKENSS (MM)
600	600	20
600	900	20
600	1200	20

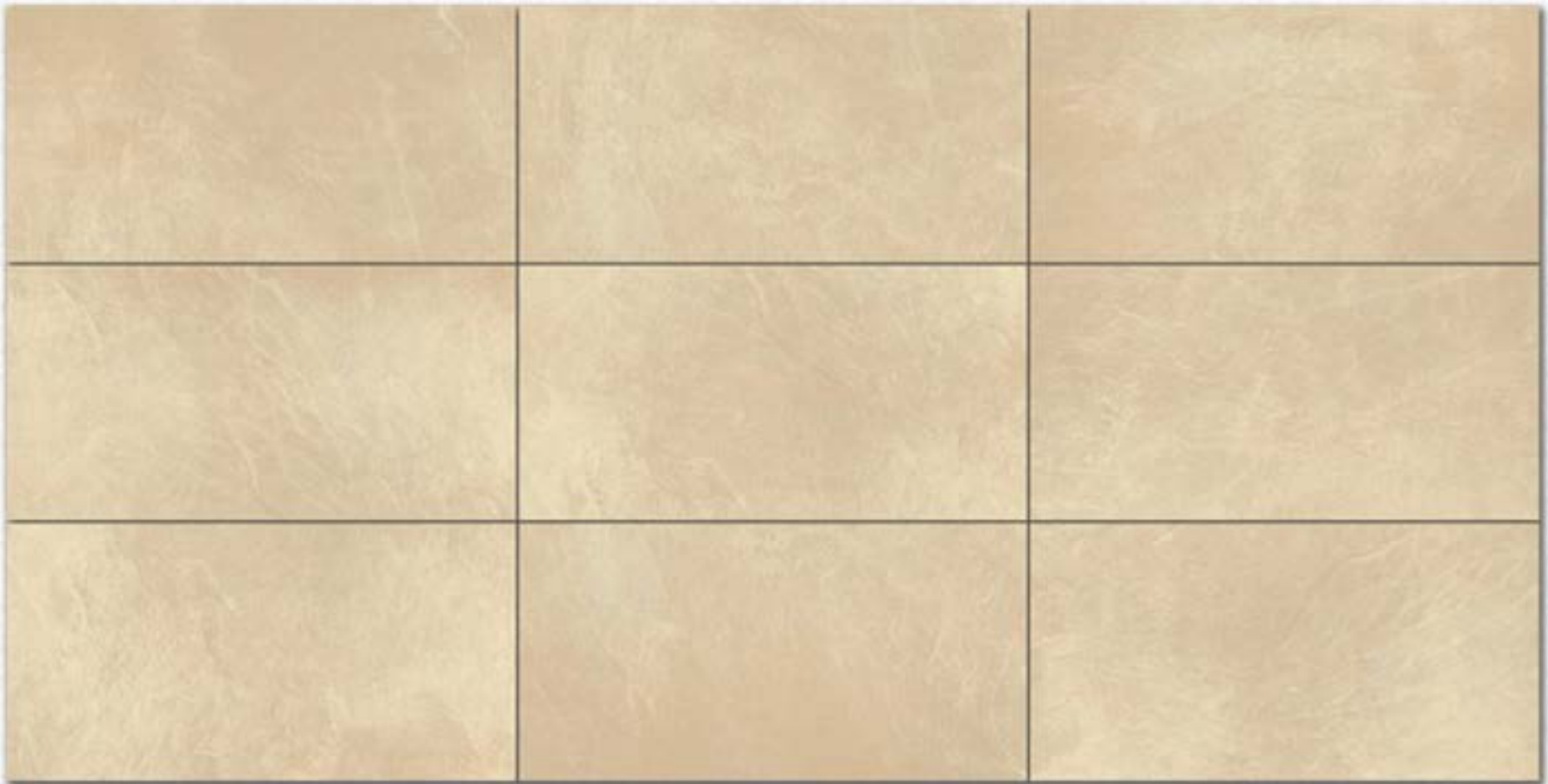




STATION PEARL

Station Pearl

Multiple Faces



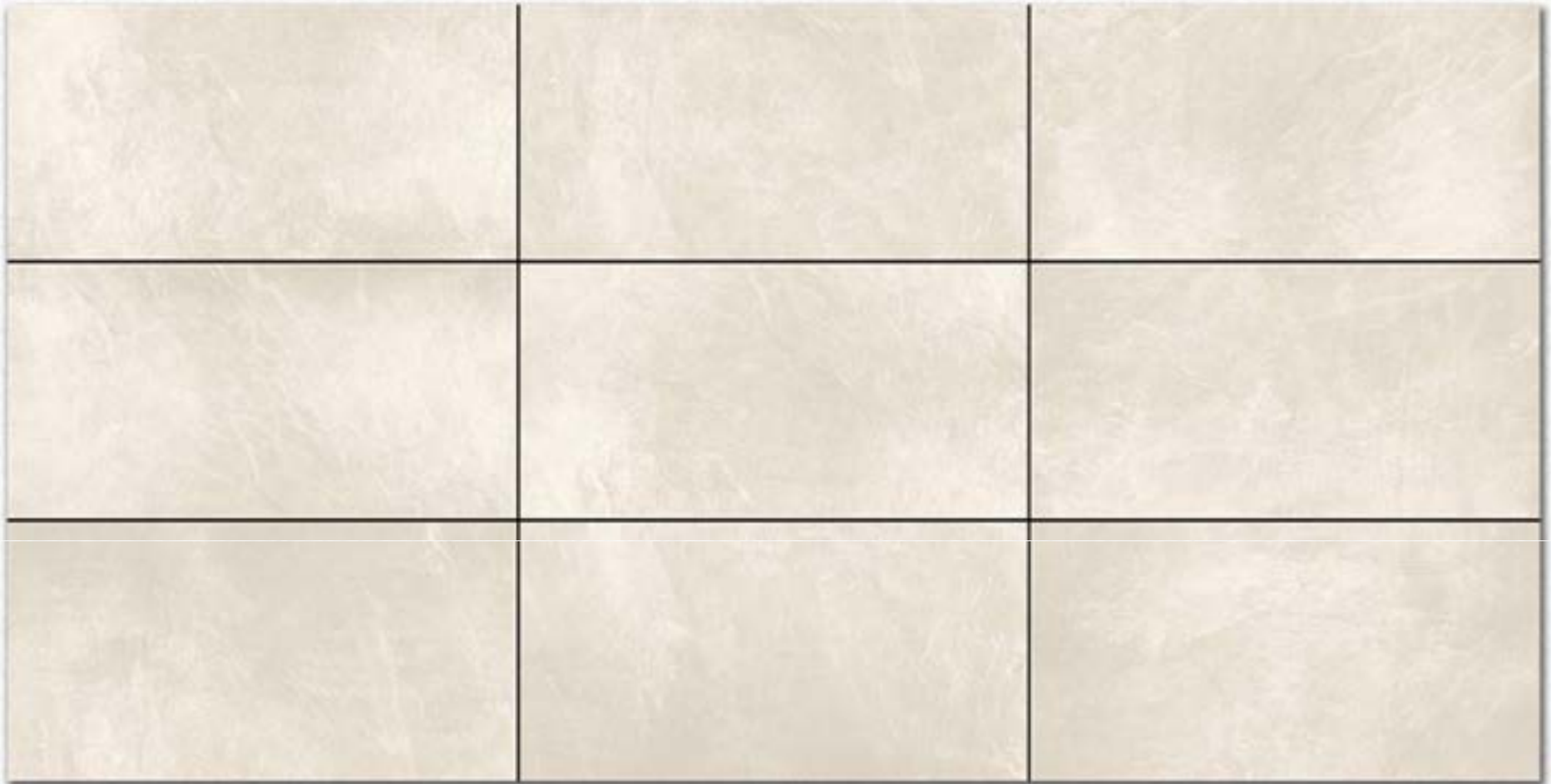
Station White



600 X 1200 mm

Station White

Multiple Faces



Outdoor Paving

- STEP BY STEP LAYING GUIDELINES

1. CHECK YOUR PRODUCT

Ensure that you check your product before laying – we recommend dry laying a random selection of your tiles (from more than one pallet where applicable) to ensure that you are satisfied with the colour variation in the tiles. Claims or returns based on colour variation will not be accepted once the product has been laid. Ensure that whilst working with outdoor paving tiles that they are rested on wooden battens to prevent any edge chipping.

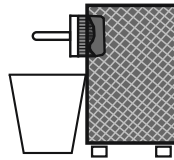
2. PREPARE YOUR BASE

Prior to installation, all necessary ground work should be completed. This includes ensuring there is a sub-base of at least 50 –100mm thick of type 1 material (hard-core) which has been sufficiently compacted down, with a suitable water drainage fall (a fall of 1:60 is usually adequate).

3. PRIME YOUR SLABS

Apply a Slurry Primer mixed using cement powder, water and an outdoor based SBR bonding agent to a creamy consistency to the back of each tile before it is laid to help the paving adhere to the bed.

Paving slabs may need to be handled by 2 people (in particular the larger sized slabs). When applying slurry primer, ensure that you rest the tile on wooden battens to prevent any chipping.

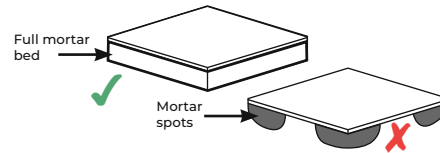


Before applying the , using a stiff brush, brush the back of the tile to clean off the magnesium oxide releasing agents, this will create the bond of the slurry primer to the outdoor paving. Paint each tile with slurry primer as you lay them, not all at once before you begin laying. The slurry primer on the back of the tile must still be wet when it is laid down, therefore you should not prime all slabs first before you start laying. This will ensure that the tile adheres to the mortar bed correctly. If any slurry primer is on the face-up side of the slab, immediately wash away the residue with water as you work.

We have created a step-by-step laying guide specifically for outdoor paving products in order to help you get the best results when laying. Please ensure that you follow guidelines when laying Cerapave outdoor paving products.

4. USE A FULL BED OF MORTAR

Just like natural stone products, Cerapave outdoor paving must be laid on a full wet bed of mortar. We recommend a mixture of a moist consistency (rather than runny) with approx. 4:1 sharp sand to cement.



Please remember that with all Cerapave products – the spot laying method is not suitable!

5. LAY YOUR SLABS

It is essential that each tile is tapped down to ensure as much of the tile as possible comes into contact with the mortar. When laying your project, ensure that you mix tiles to achieve an overall blended appearance. While the finishes of outdoor paving have less surface variation than natural stone, they are still designed with a level of variation to add a range of texture to their surface. If within the selection of tiles you encounter any repeat patterns, we suggest that you rotate slabs 90/180 degrees in order to minimise the appearance of repetition (this may be more prevalent in tiles which have a more extensive surface pattern).

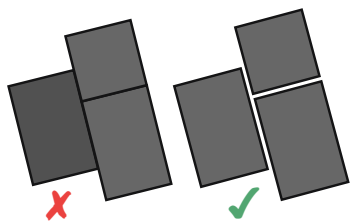


6. CUTTING OUTDOOR PAVING

Outdoor paving can be cut with a disc cutter fitted with a suitable-for-outdoor paving diamond blade (this must be a petrol disc cutter as you must feed the disc with water to cut). However, for neater and more accurate cutting, we recommend using a suitable water-fed tile bridge saw. Ensure that appropriate protective clothing is worn while operating machinery.

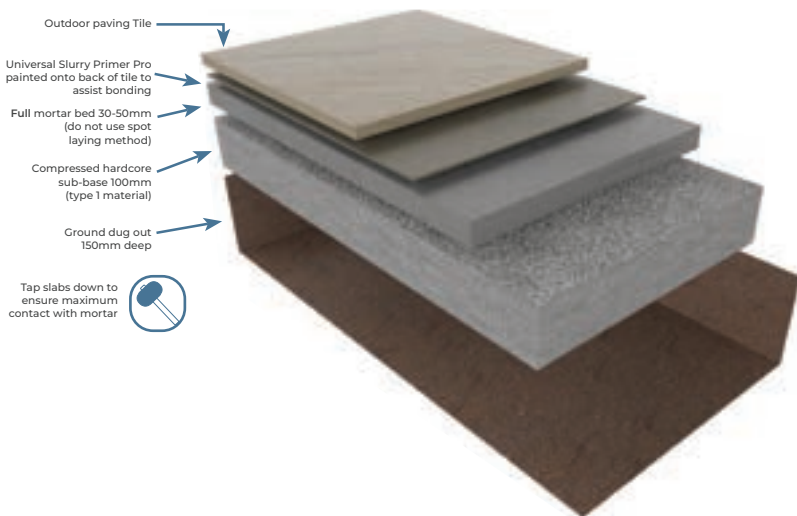
7. CHECK YOUR JOINTS

Allow for 10-12mm+/- approx joints when laying the tiles. We suggest an outdoor jointing compound (suitable for outdoor paving) should be used with our outdoor paving products – please speak to your merchant or landscaper for the most appropriate jointing compound for your project. As previously stated, Cerapave outdoor paving products are not designed to be butt jointed.



8. IMPORTANT – CLEAN THE JOB

It is particularly important to work cleanly when laying outdoor paving, both during and after installation. Once the job is completed, additional cleaning may be required if any residue remains, particularly from jointing compounds. Ensure that the jointing compound has set sufficiently and then clean the tiles with a suitable residue remover (depending upon which jointing compound has been used). Any residue left over from the laying process must be removed as soon as possible – failure to do so may result in staining on the surface of the tiles. If your outdoor paving has been laid in conjunction with any natural stone, ensure that the outdoor paving cleaner/residue remover you are using does not contain any acid and check they are suitable for outdoor paving.



IMPORTANT INFORMATION

Due to the nature of the production of outdoor paving, there is a limit to the number of repeated surface textures which are produced for each colour (with the number of repeats varying depending upon range). Whilst we endeavour to maximise the variety of textures within each order, there may be a number of repeats within your order, particularly if you are laying a large area of outdoor paving. Refer to step 5 opposite for advice on reducing the appearance of repeated slabs.

In outdoor paving tiles, there may be slight subtle differences in surface texture and finish between tiles. These differences may appear exaggerated in direct sunlight. This is due to minor variations in conditions which may occur during the manufacturing process.

Any difference between tiles will not affect the slip rating or durability of the product and is purely aesthetic. There will be subtle variation in our outdoor paving products, intended to mirror the variations found in natural stone products. Outdoor paving products, much like any other manufactured product, are made in batches. There can be slight shade variations between batches – please consider this when purchasing for the same project on separate occasions. In order to ensure that your patio will have an overall blended appearance, always mix from multiple pallets when laying rather than laying one pallet at a time.

CHARACTERISTICS

- Low water absorption
- High resistance to temperature change
- Salt / Stain / Frost / Ice / Chemical Resistance
- Scratch Resistance – High Traffic
- Slip / Fade Resistance
- Environmental Friendly
- Resistance to mold / humid conditions

TECHNICAL CHARACTERISTICS

OF THE PORCELAIN MATERIAL

CHARACTERISTIC	STANDARD AS PER ISO-13006/EN14411 GROUP B I A	CERAPAVE 2.0 MEAN VALUE	TEST METHOD
REGULATORY PROPERTIES			
Deviation in length & width	±0.5 %	±0.1 %	ISO-10545-2 : 2019
Deviation in thickness	±5.0 %	±4.0 %	ISO-10545-2 : 2019
Straightness in side	±0.5 %	±0.1 %	ISO-10545-2 : 2019
Rectangularity	±0.6 %	±0.1 %	ISO-10545-2 : 2019
Surface flatness	±0.5 %	±0.2 %	ISO-10545-2 : 2019
SURFACE MECHANICAL PROPERTIES			
Water absorption	< 0.5 %	< 0.20 %	ISO-10545-3 : 2018
Apparent density	> 2.0 g/cc	> 2.10 g/cc	DIN 51082
MASSIVE MECHANICAL PROPERTIES			
Modulus of rupture	Min. 35 N/mm ²	Min. 35 N/mm ²	ISO 10545-4 : 2019
Breaking strength	Min. 1300 N	Min. 9000 N	ISO 10545-4 : 2019
SURFACE MECHANICAL PROPERTIES			
Surface abrasion resistance	As per mfg	Min. Class-3	ISO-10545-7 : 2007
THERMO HYGROMETRIC PROPERTIES			
Frost resistance	No damage	No damage	ISO-10545-12 : 1995
Thermal shock resistance	No damage	No damage	ISO-10545-9 : 2013
Moisture expansion	Nil	Nil	ISO-10545-10 : 2006
Crazing resistance	As per mfg	Min. 10 Cycle	ISO-10545-11 : 2007
CHEMICAL PROPERTIES			
Chemical resistance	No damage	No damage	UNE-EN ISO-10545-13 : 2017
Stain resistance	Resistant	Resistant	ISO-10545-14 : 2016
SAFETY PROPERTIES			
Slip resistance	As per mfg	> 0.40	ISO-10545-17 : 2017
Lead & Cadmium release	As per mfg	Does not yield Pb & Cd	ISO 10545-15 : 2006 / EN : 14411 : 2016 (GROUP B I A)
Coefficient of Linear Thermal Expansion	As per mfg	6,3 X 10 ⁻⁶ °C ⁻¹	ISO-10545-8 : 2016