

# SUPERIOR ENDURANCE







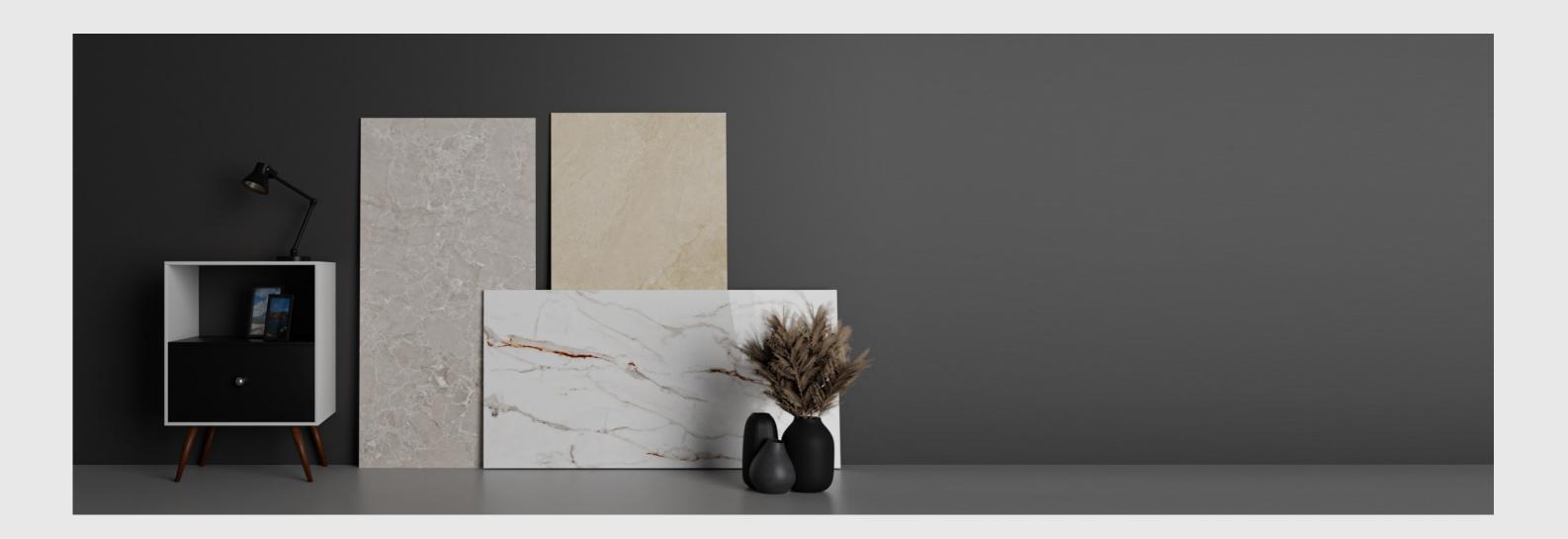
# **ABOUT US**

Motto is one of the most dynamic & productive brands of the modern ceramic world that is brought to life by a Visionary person Mr. Mahendea Patel. Over the years the company has developed manyfold. Since 2004 - the inception year, to today we have expanded our reach to national & international arenas with a capillary presence in more than 70+ countries with than 2500 satisfied customers.

Finest skills clubbed with state-of-the-art technology have helped us to carve a niche, which is stamped by authorities as we are ISO 9001:2018 Certified. Overall the company has marked its position as the leading Manufacturer, Exporter and Supplier of the exquisite Ceramic Porcelain Tiles for Wall & Floor.

www.mottogroup.in

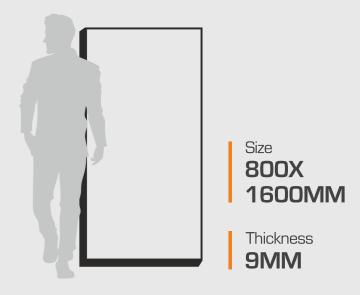




# MAGNIFICENCE MEETS VERSATILITY, AND CREATIVITY KNOWS NO BOUNDS.

Ignite your imagination with our extraordinary collection of tiles, each one a masterpiece in its own right. From the vibrant hues of our Marble series to the intricate patterns like the Mosaic Medley line, Motto tiles are designed to captivate and inspire.

Whether you're seeking a bold statement piece or a subtle accent, our amazing selection offers endless possibilities for creating a space that is truly unique and awe-inspiring. With an array of textures and finishes, our tiles add depth and dimension to any space.

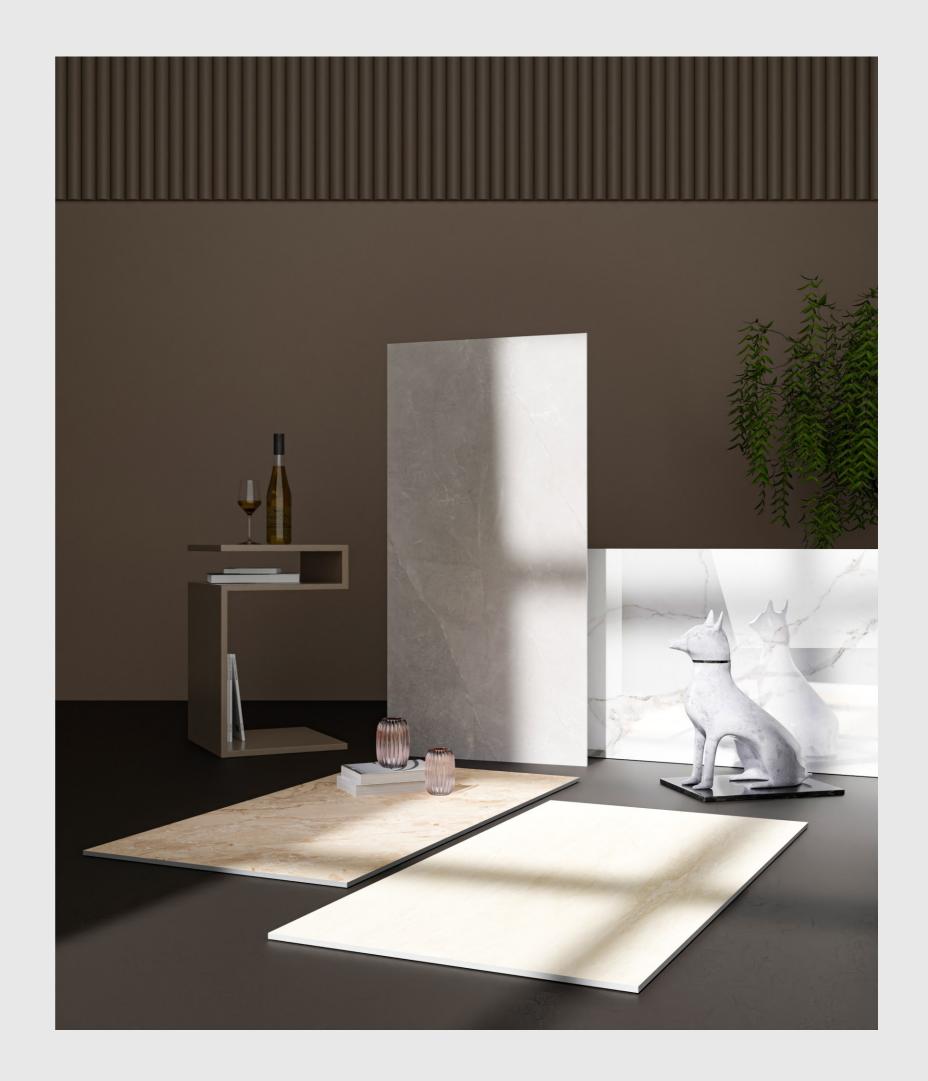


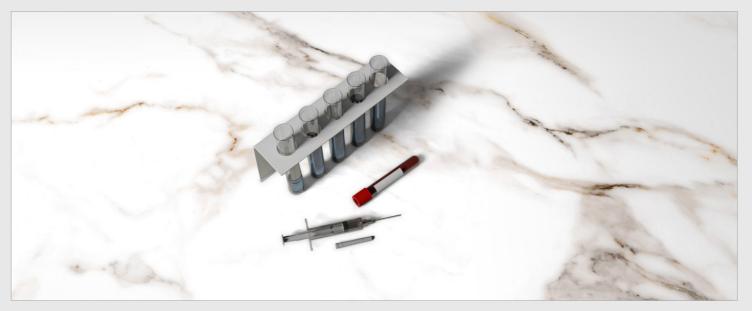


# THE ARTISTRY OF MARBLE CRAFTED FOR VARIED SURFACES

Motto Tiles are not just a functional aspect of your spaces; they can also be a stunning work of art. With our extraordinary collection of marble tiles, we bring you the epitome of elegance and sophistication. Our marble collection boasts a myriad of exquisite surfaces.

Each tile is meticulously crafted to showcase the natural beauty and unique patterns found in marble, making them a true statement piece for any space. Whether you prefer a polished finish that reflects light like a mirror or a honed finish that exudes a subtle matte charm.













# **EASY TO CLEAN**

Matte surface tiles are exempt from frequent cleaning due to the best concealing of smudges and stains.

# **CHEMICAL RESISTANT**

Our chemical-resistant tiles provide great durability against abrasion, anti-skid qualities for worker safety, and an attractive appearance.

# **SCRATCH RESISTANT**

When it comes to the scratch resistance feature, it will win the top spot. A Matte surface prevents scratches.

# FROST RESISTANT

Frost-resistant tiles are not damaged by extremely low temperatures. tile has the ability to endure freeze/thaw temperatures without significant harm.

# STAIN RESISTANT

The most appealing aspect of matt finish tiles is that they require no maintenance.

# APPLICATION AREAS









SHELVES







**TABLE** 



DOOR / WINDOW FRAME

LIVING

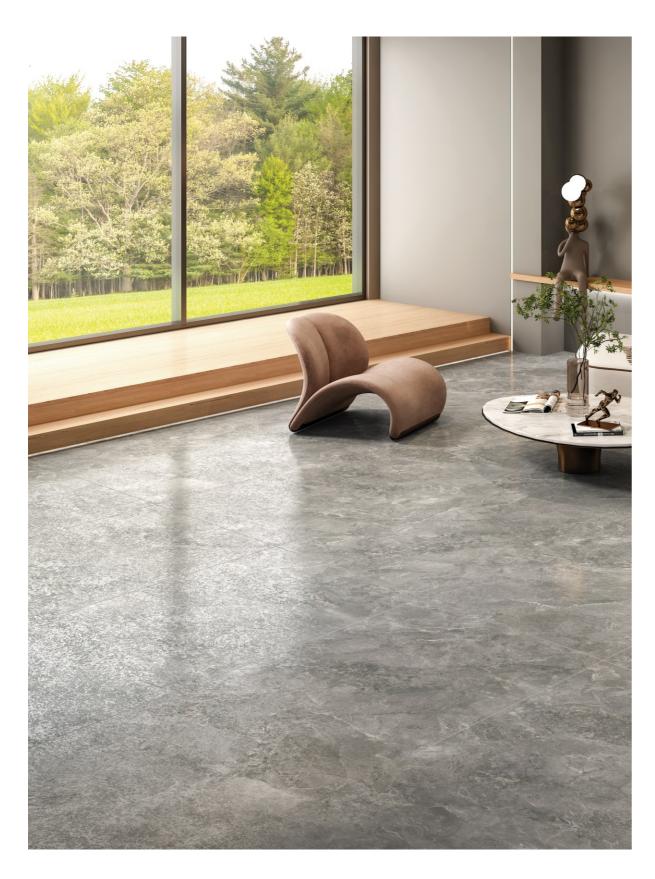
FLOOR

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Thickness End Less

9mm 4 faces 800x1600mm

Size





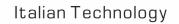






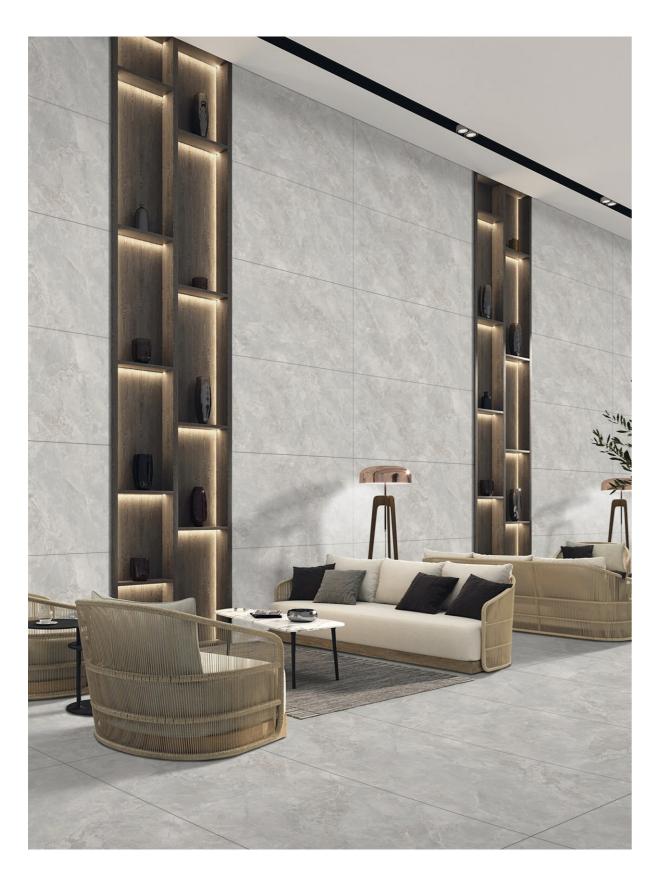












Size









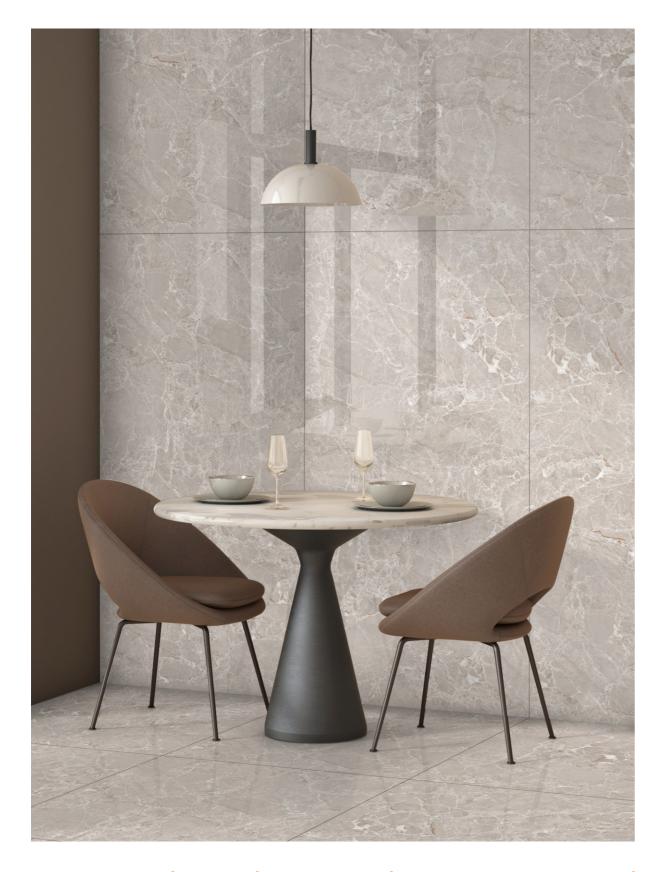










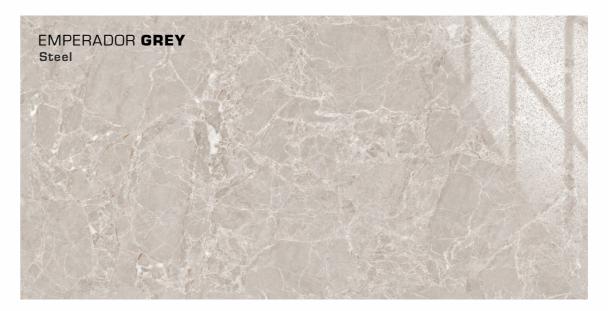


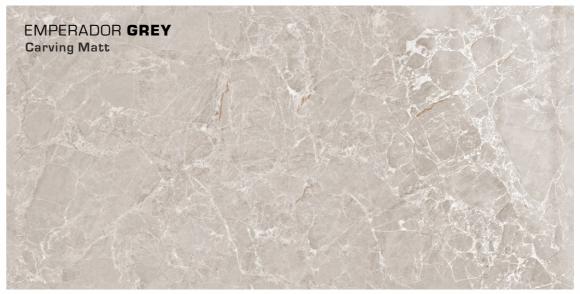
9mm 4 faces 800x1600mm

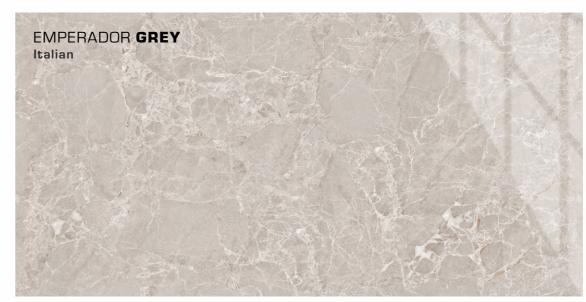
Thickness End Less

Size











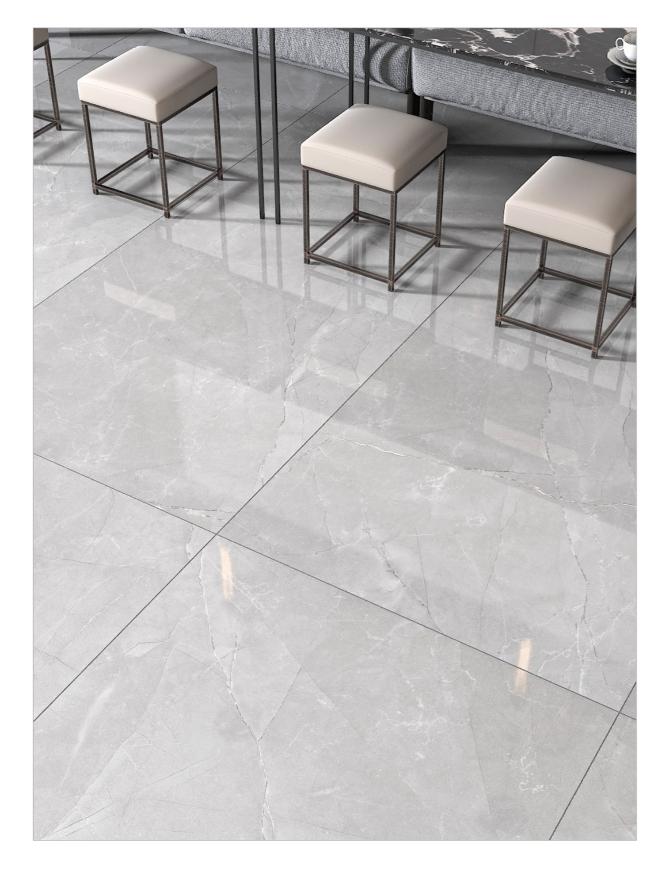












Size









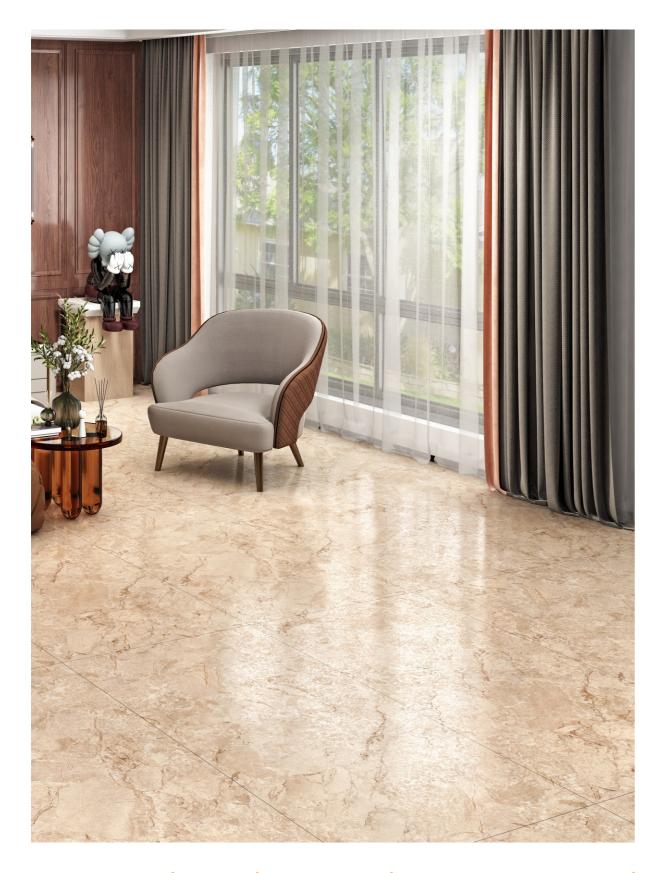












Thickness End Less

Size 9mm 4 faces 800x1600mm





















Size



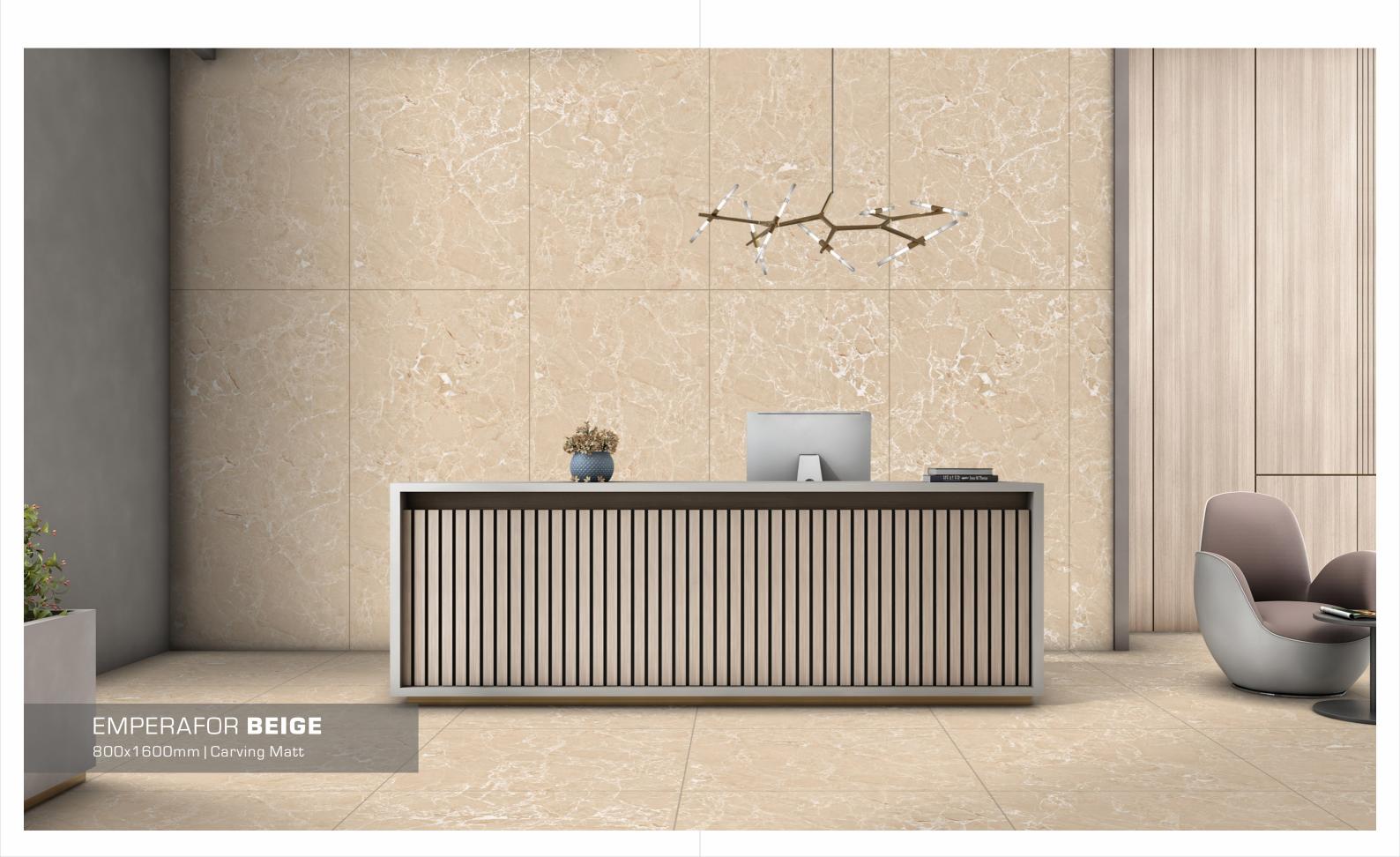


















Size



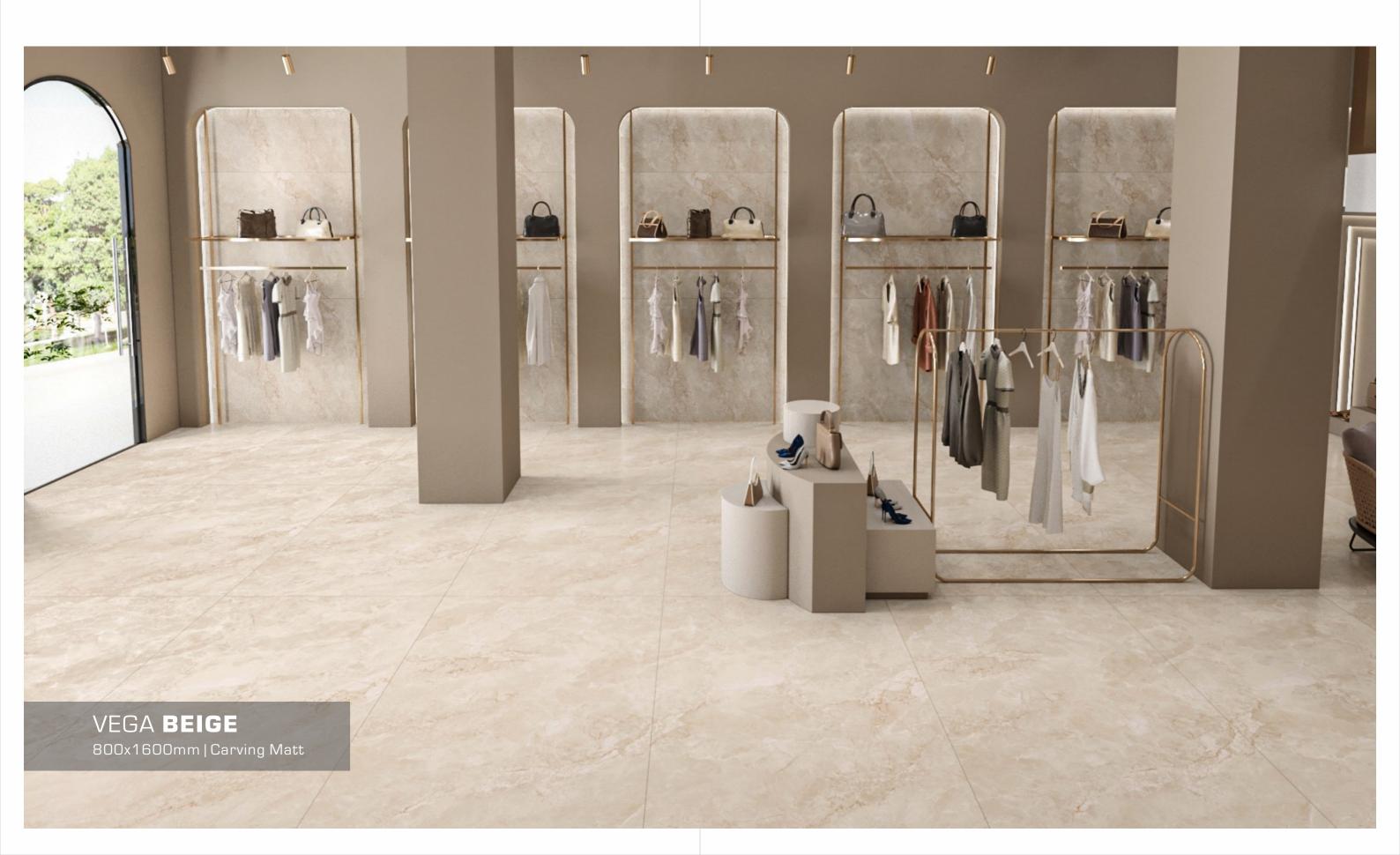




















hickness

End Less
3 faces

Size D**0x1600mn** 

















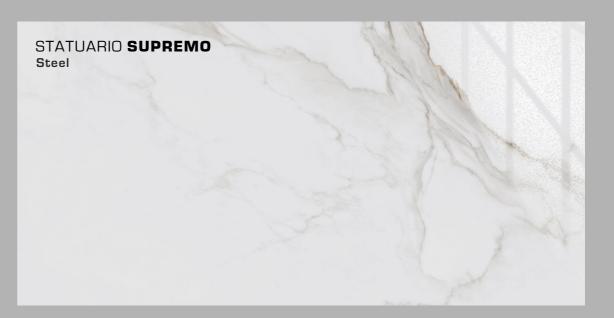






Steel, Carving Matt & Italian



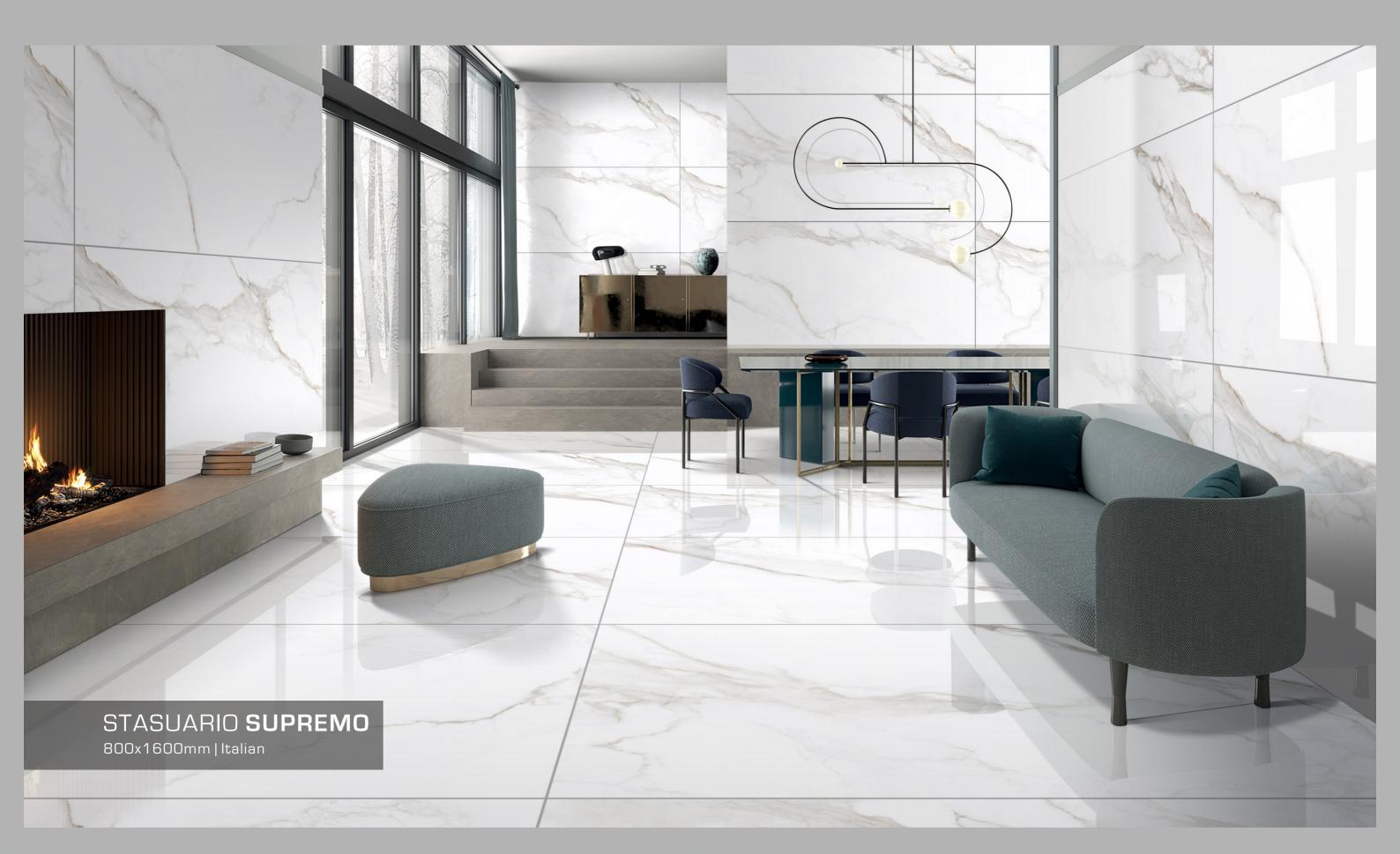




















hickness **9mm**  Random 7 faces

n **s 800x160**(



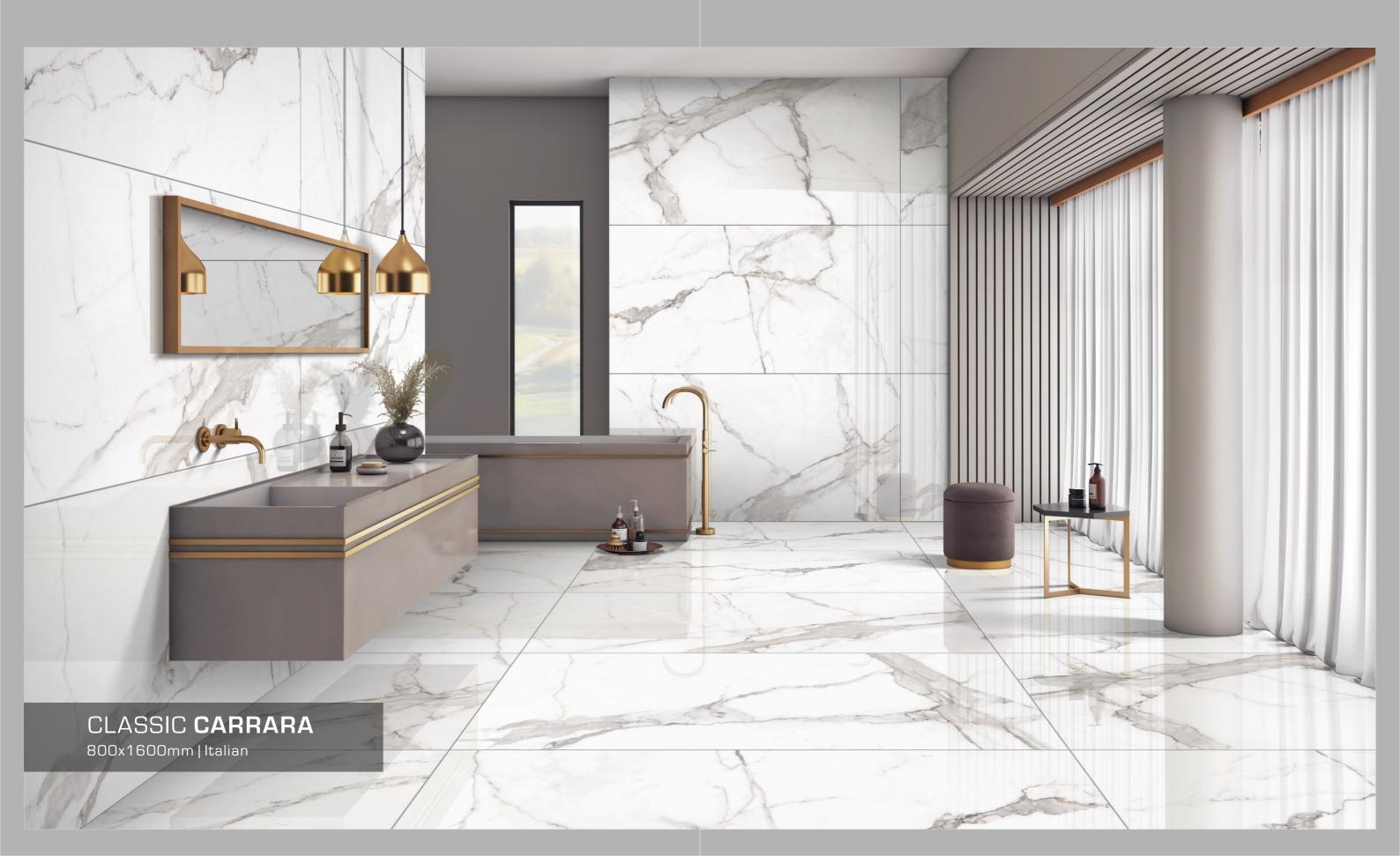








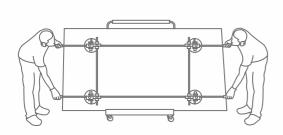


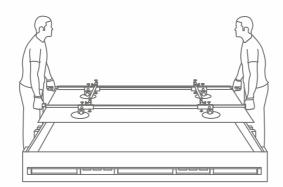


### **MANUALLY TRANSPORTING TILES**

Only for 1/4" Slabs

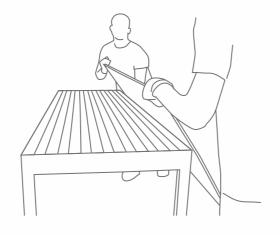
### **MOVING A TILE**





### **RAISING A IMMODERATE TILE ONTO A BENCH**

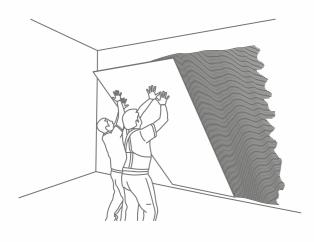


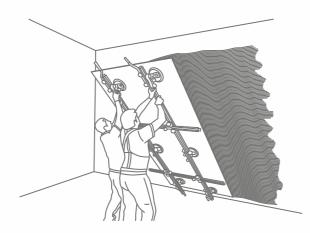




✓ CORRECT

### HANDLING IMMODERATE TILE FOR WALL









## **WORKING WITH THE VARIOUS VERSIONS OF TILES**

### **CUTTING WITH DIAMOND DISCS**





Our products can be cut using diamond discs fitted onto the hand-held electrical grinding machine. The speed of Disc rotation must be high (>10000 RPM) and should have a low feed rate (< 1 m/min). Itmay be required to cool the disc with water. Recommended discs are the thin typesgenerally used for cutting porcelain stoneware. The surface should be kept on a FLAT base while cutting without any gap underneath

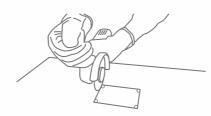
### **DRILLING**





You can use cutting discs fitted to battery-operated screwdrivers or angle grinders, electrical drills as an alternative.

### **INTERNAL CUT / L-SHAPED CUT**



To get internal and L-shaped corners & to reduce the risk of breakage. round o the vertex of the internal corner using bits with a radius of at least 5mm. Then cut with diamond discs, be cautious to stop moving the cutting tool forward. To drill and cut using diamond discs, follow the instructions provided above.

When using these tools:

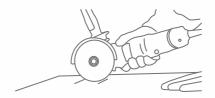
-Cool the point being drilled with water
-Don't put too much pressure and bear in mind the resistance of the type of laminated stoneware you are working on

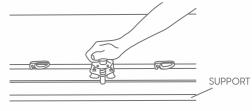
-If you are using tungsten bits, start drilling at a low speed

-If you are using drills or screwdrivers, do not select hammering mode

### **EDGE-FINISHING**







# INSTRUCTIONS FOR MANUAL INSTALLATION

SINGLE LAYER METHOD

DOUBLE-LAYER METHOD

COMPRESSING THE TILE







# **IMPORTANT**

All cutout corners must have a minimum diameter of 1/4". Never leave 90° angles. We recommend  $radiuses \, of \, more \, than \, 1/4" \, when \, the \, kitchen \, the \, design \, allows \, as \, it \, makes \, the \, countertop \, firmer.$ 









✓ CORRECT

X INCORRECT

## **CLEANING & MAINTENCE**

Our products are non porous (due to their high quality raw materials, stringent production parameters and state of the art technology), hence any dust or deposited waste cannot penetrate the surface.

For most cases only a damp cloth is sufficient for cleaning.

Regular cleaning highlights the aesthetic features of the surface and gives it exceptional shine.

For highly aggressive cleaning caused by some common food and substances follow the table below.

TYPE OF STAIN	CHEMICAL PRODUCT	EXAMPLE
Grease	Alkaline - Solvent	Detergent
Oil	Solvent	Ammonia, Backing Soda
Ink	Oxidant - Solvent	Alcohol, Liquid Bleach, Nail Paint Remover
Rust	Acid	Hydrochloric Acid, Vinegar, Red Harpic
Lime	Acid	Descaling Reagent, Hydro Chloric Acid
Cement	Acid	Hydro Chloric Acid
Wine	Alkaline	Ammonia, Liquid Bleach
Coffee	Alkaline - Solvent	Ammonia, Liquid Bleach
Rubber	Solvent	Alcohol, Thinner
Plaster	Acid	Hydro Chloric Acid
Candle Wax	Solvent	Alcohol, Thinner
lodine	Oxidant	Liquid Bleach
Blood	Oxidant	Liquid Bleach
Ice Cream	Alkaline	Liquid Bleach

Note: It is recommended that any kind of stain needs to get clean immediately / as soon as possible.

# **TECHNICAL SPECIFICATIONS**

CHARACTERISTIC	STANDARD AS PER ISO-13006/2018 En14411 gr.bla	MOTTO VALUE	TEST METHOD
	Regulatory Prope	rties	
Deviation in Length & Width	<u>+</u> 0.5%	<u>+</u> 0.2%	ISO 10545-2
Deviation in Thickness	<u>+</u> 5%	<u>+</u> 5%	ISO 10545-2
Straightness of Sides	<u>+</u> 0.5%	<u>+</u> 0.2%	ISO 10545-2
Rectangularity	<u>+</u> 0.5%	<u>+</u> 0.2%	ISO 10545-2
Surface Flatness	<u>+</u> 0.5%	<u>+</u> 0.3%	ISO 10545-2
Colour Difference	ΔE<1.00	△E<0.30	ISO 10545-16
Glossiness	As per Mfg.	As Per Mfg.	GlossMeter
	Structural Prope	ties	
Water Absorption	≤0.5 %	<u>≤</u> 0.3 %	ISO 10545-3
Apparent Density	As Per Mfg.	>2.20 g/cc	ISO 10545-3
	Massive Mechanical F	Properties	,
Modulus of Repture	Min.35N/mm²	Min.40N/mm²	ISO 10545-4
Breaking Strength	Min. 1300 N	Min. 2000 N	ISO 10545-4
Impact Resistance	As per Mfg.	Min. 0.55	ISO 10545-4
	Surface Mechanical P	roperties	
Surface Abrasion Resistance	As per Mfg.	Min. class 3	ISO 10545-7
Moh's Hardness	As per Mfg.	Min. class 4	BS EN 15771
	Thermo Hygrometric F	Properties	
Frost Resistance	As Per Mfg.	Frost Proof	ISO 10545-12
Thermal Shock Resistance	Min. 10 Cycle	Min. 10 Cycle	ISO 10545-9
Moisture Expansion	Max. 0.6mm/m	Max. 0.02mm/m	ISO 10545-10
Thermal Expansion	Max. 9.0 x 10 <sup>-6</sup>	Max. 6.0x10 <sup>-6</sup>	ISO 10545-8
	Chemical Proper	ties	
Chemical Resistance	As Per Mfg.	No Damage	ISO 10545-13
Stain Resistance	Resistant	Resistant	ISO 10545-14
	Safety Properti	es	
Slip Resistance	As per Mfg.	N. A.	DIN 51130
Fire Resistance	As per Mfg.	Fire Proof	N. A.

### PACKING DETAILS

Dimension ( mm )	No. of PC's/Box	Square Feet	Weight ( Approx )
800x1600mm	2 Pcs.	27.5 Sq. Feet	53 Kg.



### **MOTTO GROUP**

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