

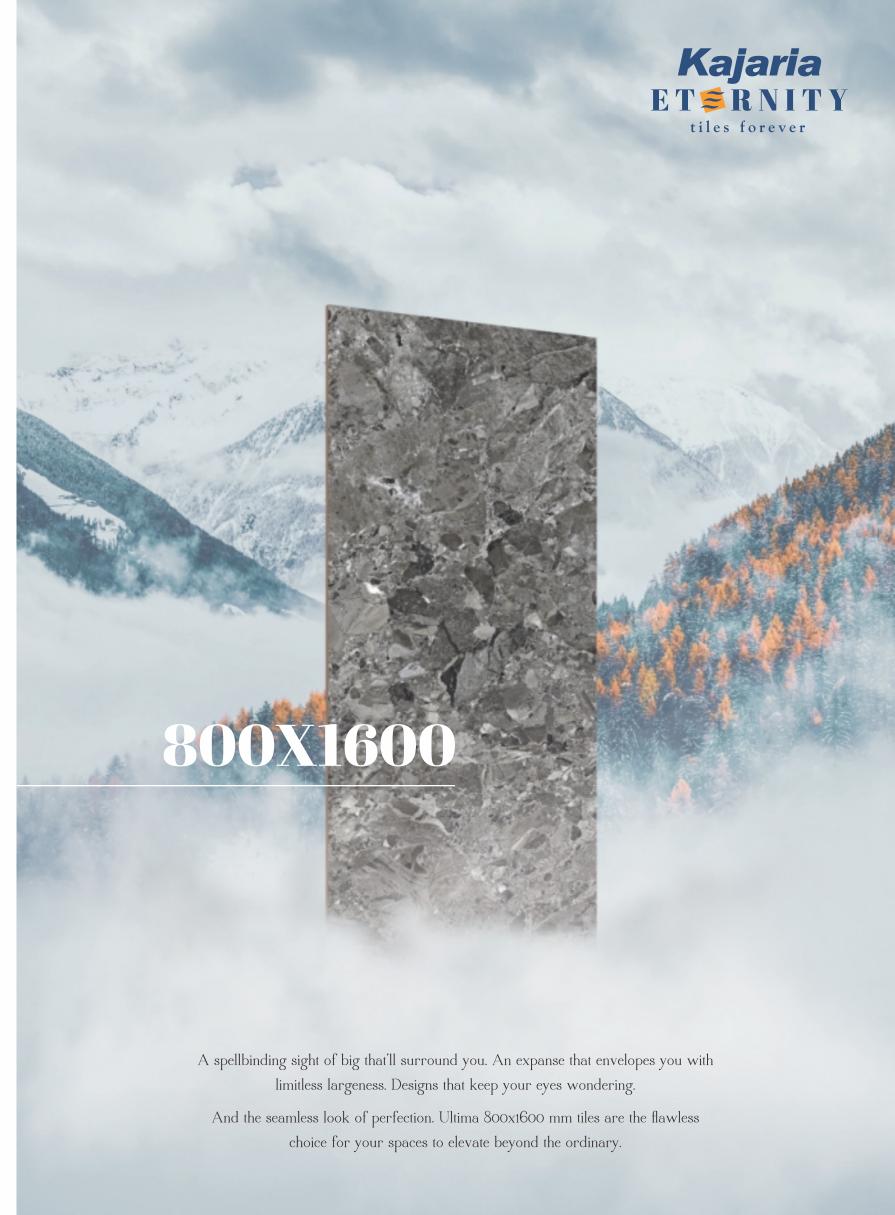


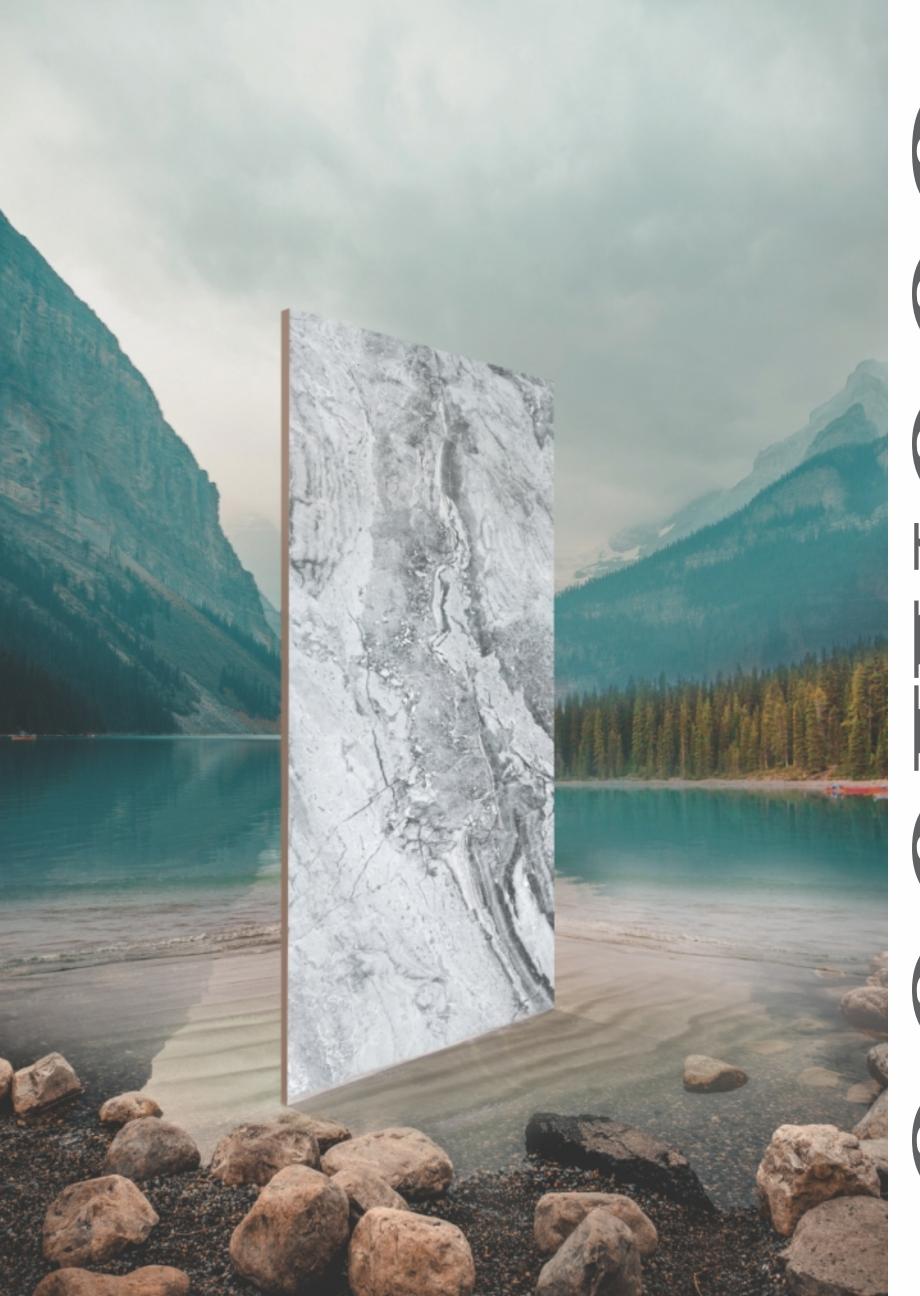
# INDIA'S NO. 1 TILE COMPANY IS ALSO THE WORLD'S

7<sup>TH</sup> LARGEST MANUFACTURER OF TILES

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# MEET THE ULTIMATE 800x1600mm

Expansive beauty inspired by nature; timeless elegance meets modern technology to create aesthetic masterpieces that are built to last.

The ultimate expression of your style in your space, available in 800x1600 mm size.

# ULTIMATE SPEC

DESIGNS

63

FINISH



Tiles for Floor and Wall

# ULTIMATE FEATURES



Scratch Resistant



High Abrasion Resistant



Stain Resistant



Easy Installation



Fire Resistant



Chemical Resistant



Water Resistant



Zero Maintenance



9mm Thickness



Thermal Resistant



Easy To Clean



High Flexural Strength

800x1600 mm







AGARIA WHITE

BRILLIANT WHITE POLISH



AGARIA WHITE | BRILLIANT WHITE POLISH



MORKANA WHITE | BRILLIANT WHITE POLISH





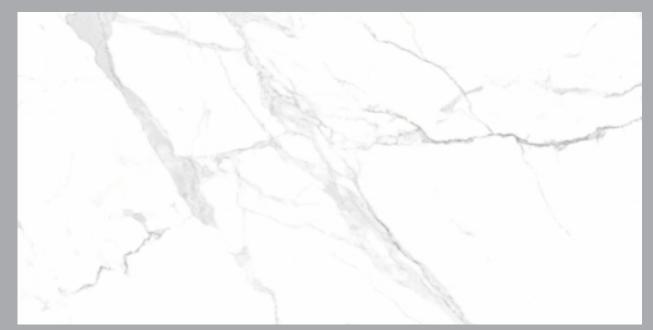
MORKANA WHITE

BRILLIANT WHITE POLISH

800x1600 mm







SATUARIO CLASSICO

BRILLIANT WHITE SILK MATT



SATUARIO CLASSICO | BRILLIANT WHITE SILK MATT



CALCUTTA | MARBLETECH

10





CALCUTTA

800x1600 mm







BOTTICINO MARBLETECH

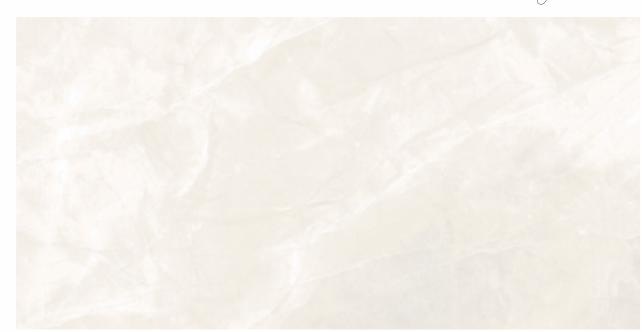




EMALI BEIGE | MARBLETECH

12





EMALI BEIGE MARBLETECH

800x1600 mm







ARMANI BROWN PREMIUM POLISH

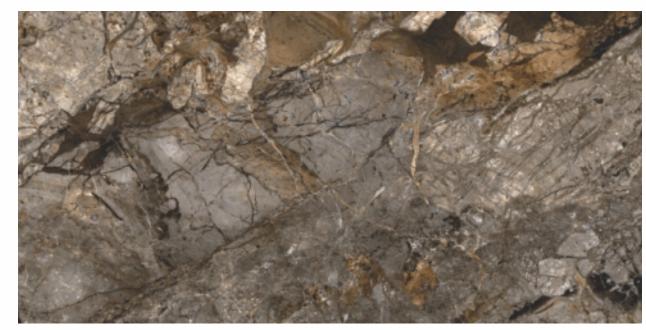


ARMANI BROWN | PREMIUM POLISH



BRECCIA BRONZE | PREMIUM POLISE





BRECCIA BRONZE PREMIUM POLISH

800x1600 mm







CALCUTTA RENOIR PREMIUM POLISH

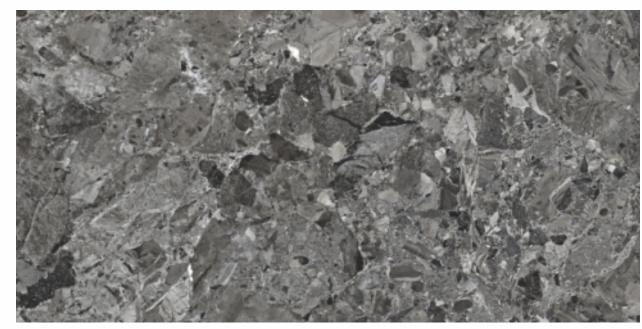


CALCUTTA RENOIR | PREMIUM POLISH



DEJA GREY | PREMIUM POLISH





DEJA GREY PREMIUM POLISH

800x1600 mm











GROOT GREY | PREMIUM POLISH



IRISH BROWN | PREMIUM POLISH





IRISH BROWN PREMIUM POLISH

800x1600 mm







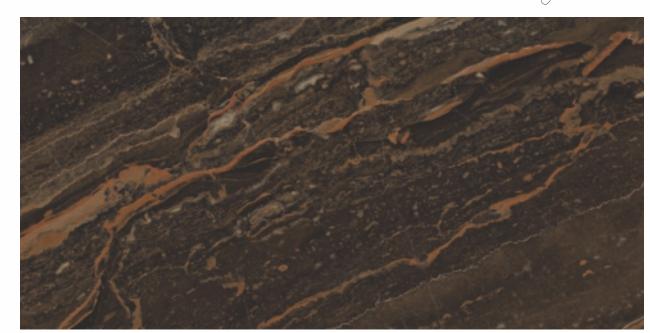
LINEN BROWN PREMIUM POLISH



LUCCA BROWN | PREMIUM POLISH

20





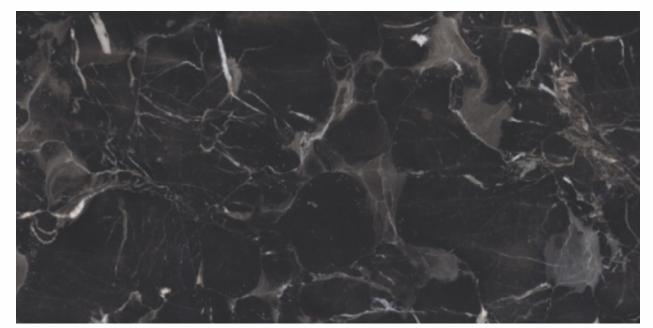
LUCCA BROWN PREMIUM POLISH

LUCCA BROWN POLISH

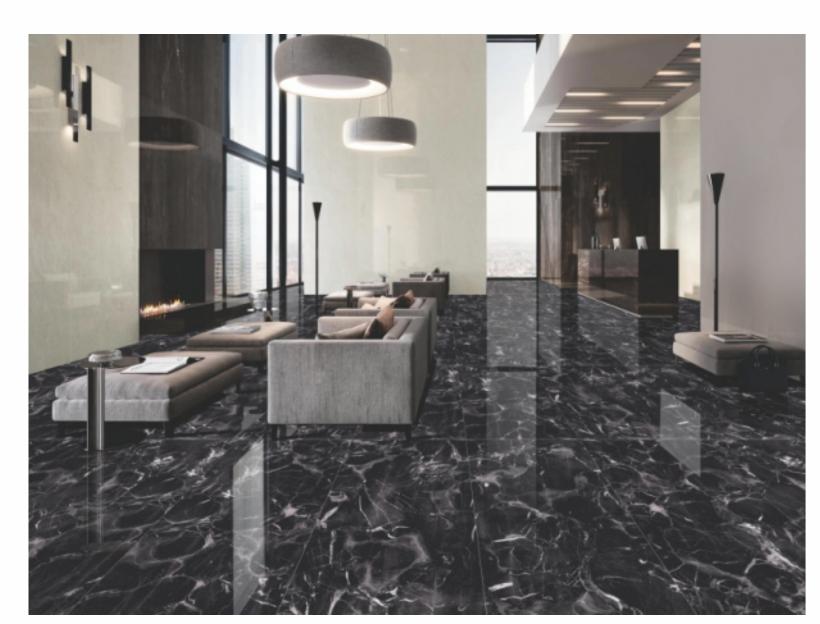
800x1600 mm







MARRON EMPEROR PREMIUM POLISH



MARRON EMPEROR | PREMIUM POLISH



ONYX LAVA | PREMIUM POLISH

22



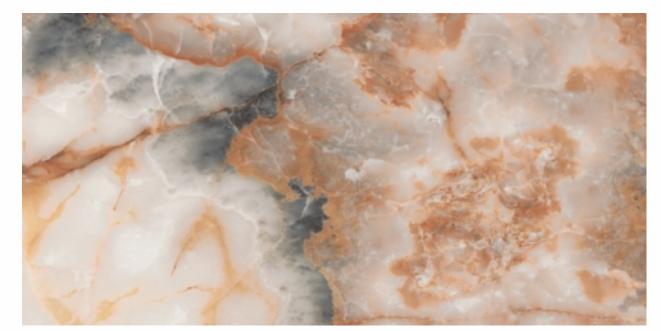


ONYX LAVA PREMIUM POLISH

800x1600 mm







ONYX ROSSO PREMIUM POLISH



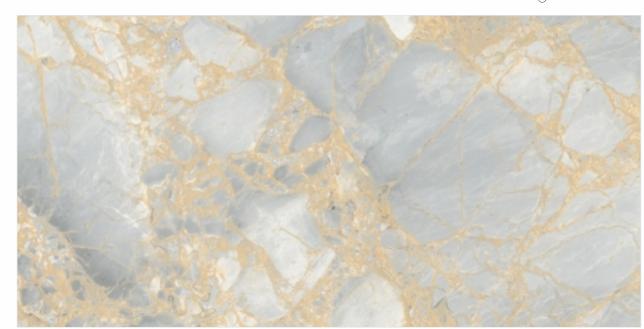
ONYX ROSSO | PREMIUM POLISH



VERSACE GOLD | PREMIUM POLISH

24





VERSACE GOLD PREMIUM POLISH

800x1600 mm







VERSACE WHITE PREMIUM POLISH



VERSACE WHITE | PREMIUM POLISH



VOLCANO AZUL | PREMIUM POLISH





VOLCANO AZUL PREMIUM POLISH

800x1600 mm

27







WILLIAMS GREY PREMIUM POLISH





ARMADIA MARFIL | POLISH

28





ARMADIA MARFIL POLISH

WILLIAMS GREY | PREMIUM POLISH

ARMANI GREY

800x1600 mm





POLISH

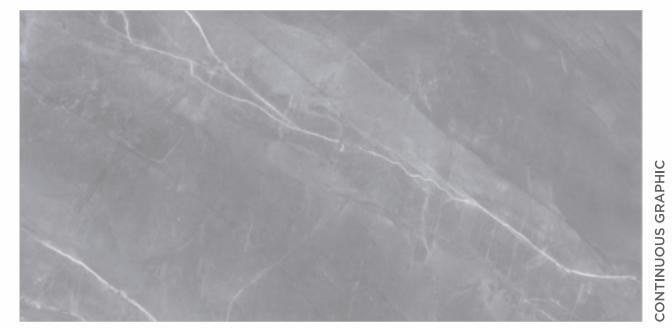






ARMANI GRIS | POLISH





ARMANI GRIS POLISH

ARMANI GREY | POLISH

800x1600 mm







ARMANI BEIGE POLISH





ASTER BEIGE | POLISH

32





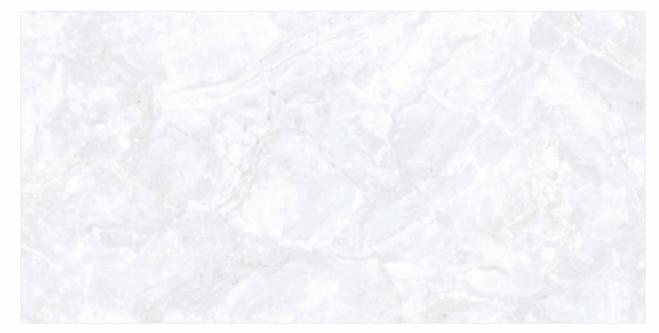
ASTER BEIGE POLISH

ARMANI BEIGE | POLISH

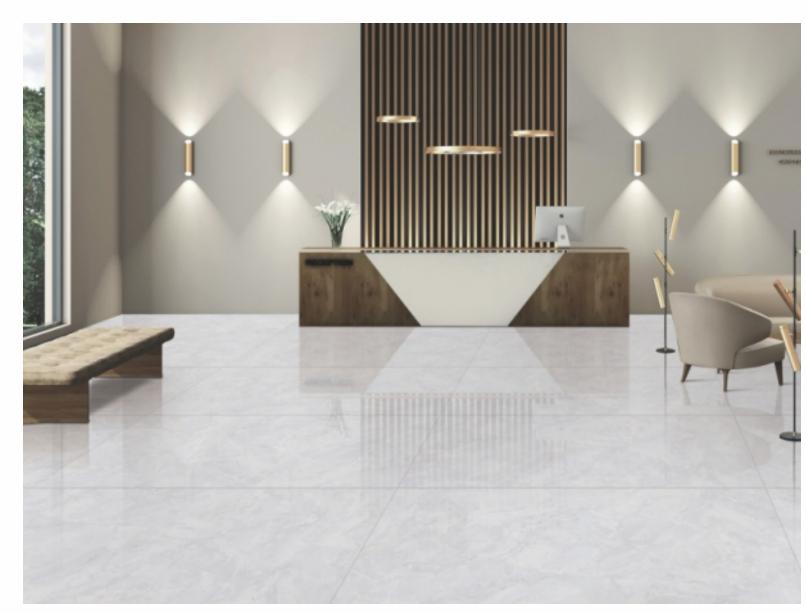
800x1600 mm











ASTRUS MARFIL | POLISH



BOTTICINO CLASSICO | POLISH



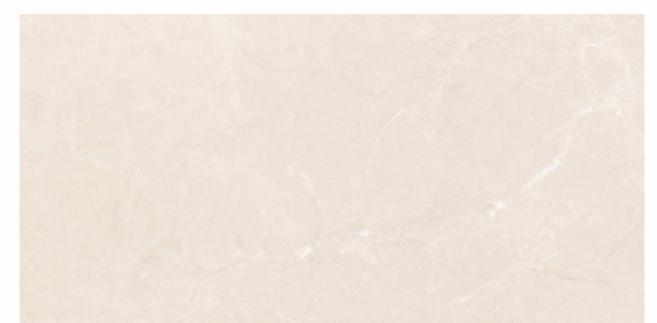


BOTTICINO CLASSICO POLISH

800x1600 mm







BULGARI BEIGE POLISH



BULGARI BEIGE | POLISH



BULGARI GREY | POLISH

36





BULGARI GREY POLISH

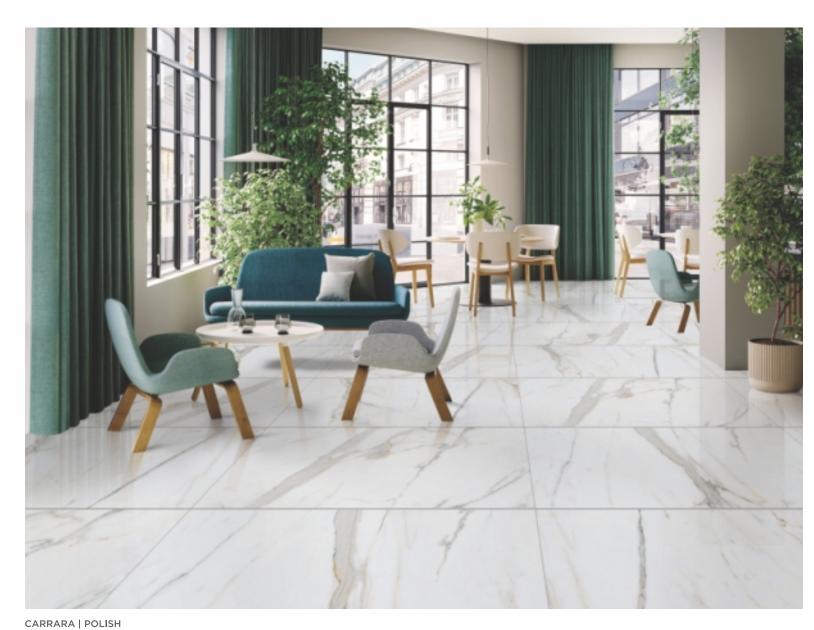
800x1600 mm







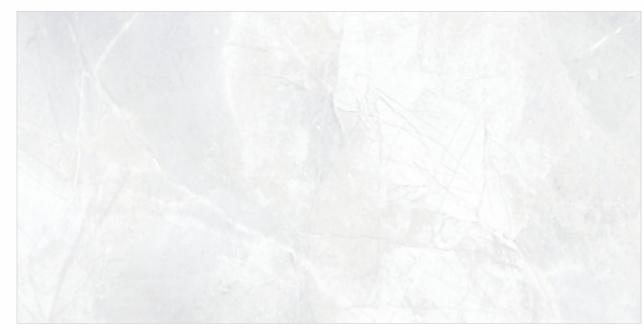
CARRARA POLISH





CEZAR GREY | POLISH





CEZAR GREY POLISH

800x1600 mm







EMPREDOR BEIGE POLISH



EMPREDOR BEIGE | POLISH



FANTASY BLISS | POLISH





FANTASY BLISS POLISH

800x1600 mm







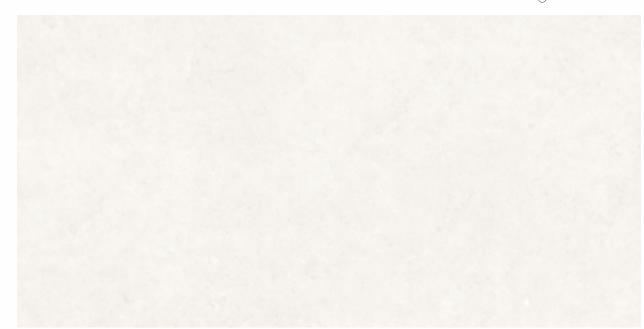
ISHAKA BEIGE POLISH





ISHAKA GREY | POLISH





ISHAKA GREY POLISH

ISHAKA BEIGE | POL

800x1600 mm







KASHMIR MARFIL POLISH



KASHMIR MARFIL | POLISH



LIBERTY GREY | POLISH





LIBERTY GREY POLISH

800x1600 mm







MILANO BEIGE POLISH





NIARA BEIGE | POLISH





NIARA BEIGE POLISH

MILANO BEIGE | POL

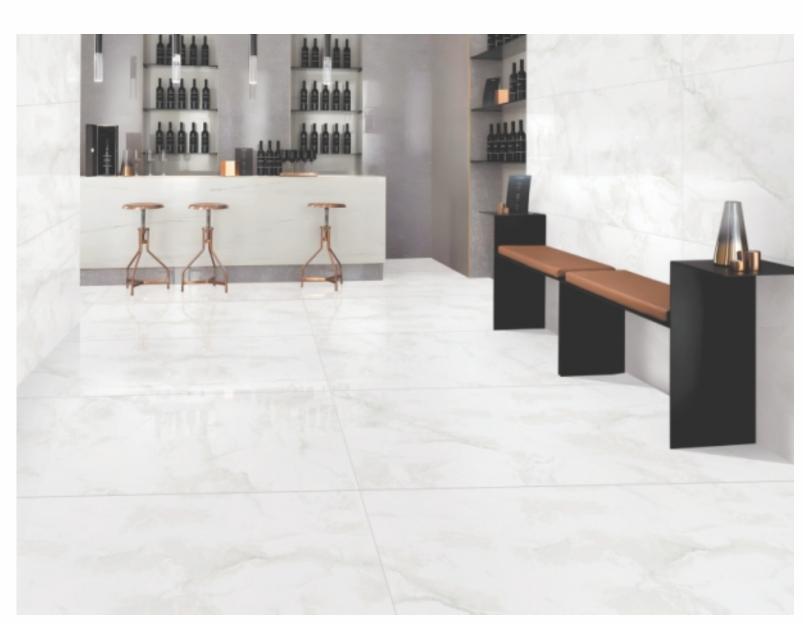
800x1600 mm







ONYX PARADISO POLISH



ONYX PARADISO | POLISH



PERLATO SICILIA | POLISH



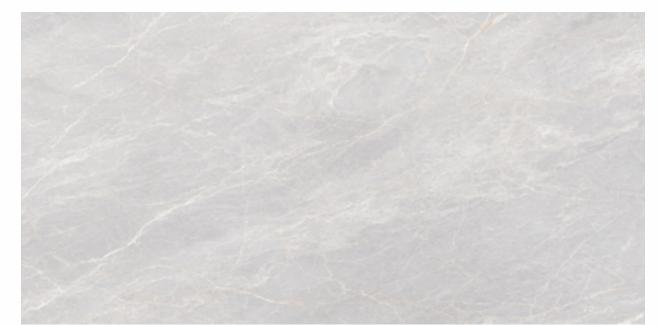


PERLATO SICILIA POLISH

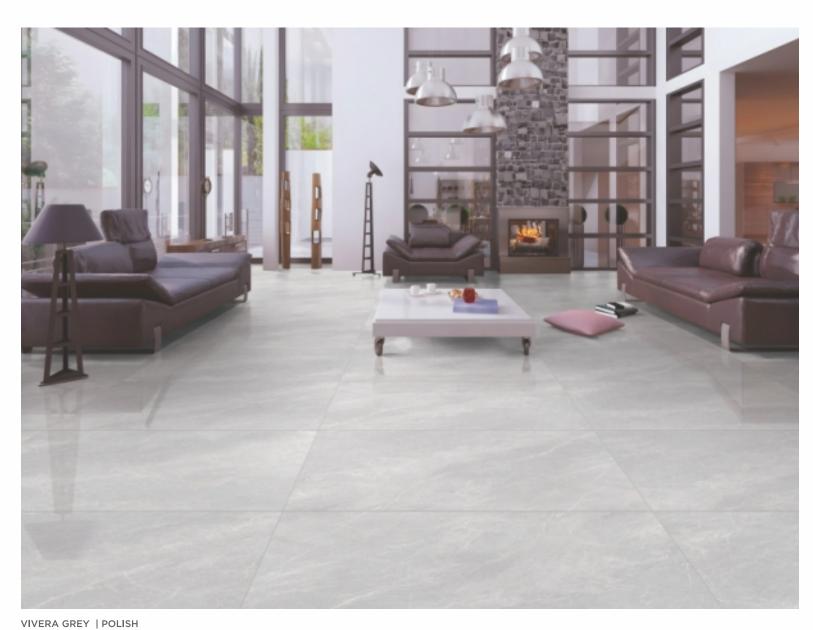
800x1600 mm







VIVERA GREY POLISH

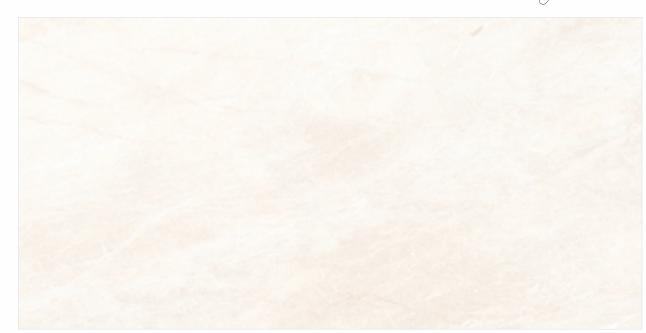




VIVERA BEIGE | POLISH

50





VIVERA BEIGE POLISH

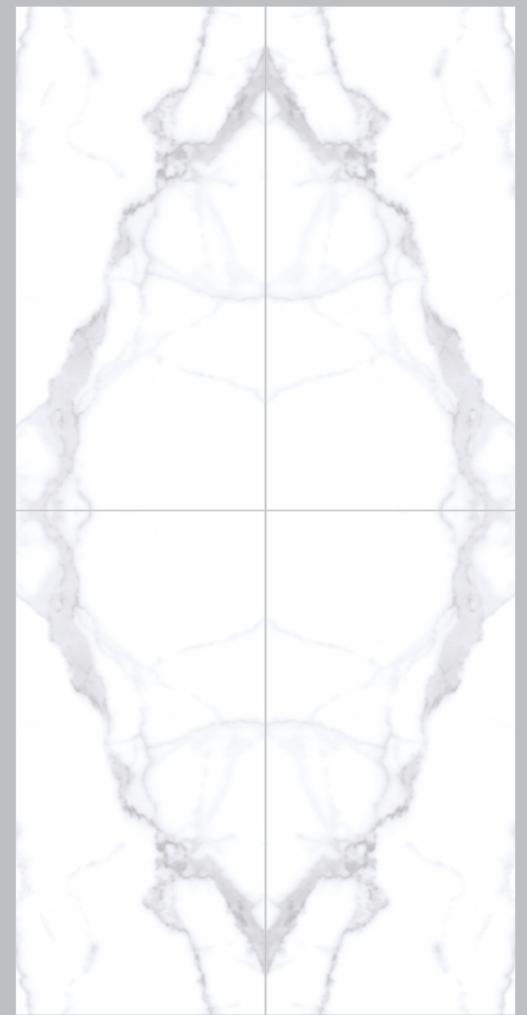
VIVERA GREY | POLISH

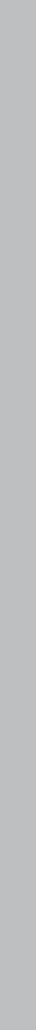
800x1600 mm











POLISH



SATUARIO (BOOKMATCH) | POLISH

51

SATUARIO

800x1600 mm







TRAVERTINO BEIGE POLISH





ZION MARFIL | POLISH

54





ZION MARFIL POLISH

800x1600 mm







ROYAL BOTTICINO POLISH





REGAL BOTTICINO | GLITZ MATT

56





REGAL BOTTICINO GLITZ MATT

ROYAL BOTTICINO | POLISH

800x1600 mm











STELLAR MARFIL | GLITZ MATT





STELLAR MARFIL GLITZ MATT

800x1600 mm







STELLAR GREY GLITZ MATT



STELLAR GREY | GLITZ MATT



TIARA MARFIL | GLITZ MATT

60





TIARA MARFIL GLITZ MATT

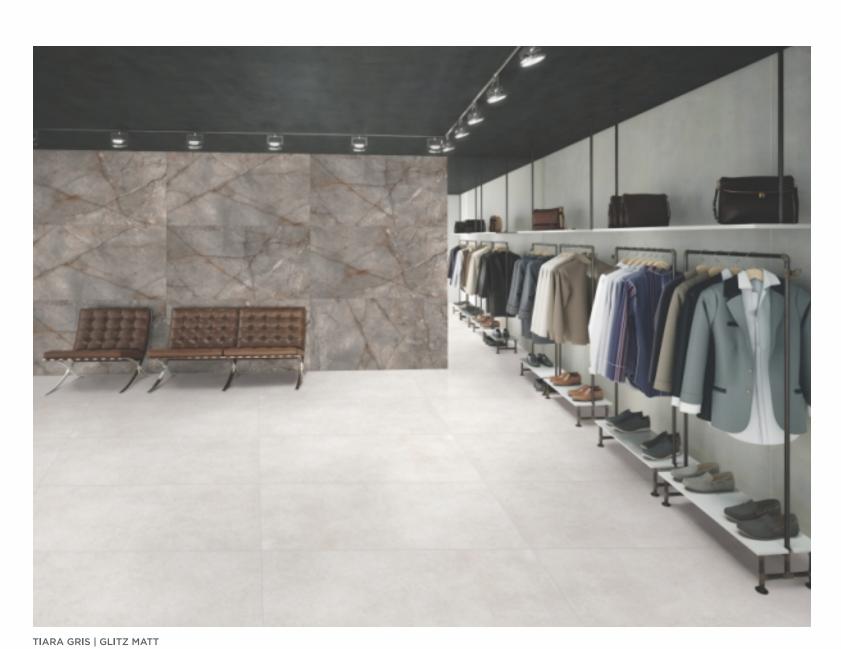
800x1600 mm







TIARA GRIS GLITZ MATT





TIARA TAUPE | GLITZ MATT

62



TIARA TAUPE GLITZ MATT

800x1600 mm







DAYTONA GRIS PREMIUM MATT



DAYTONA GRIS | PREMIUM MATT







DAYTONA GREY MATT

800x1600 mm







KOSMOS BEIGE SILK MATT



KOSMOS BEIGE | SILK MATT



KOSMOS GREY | SILK MATT

66





KOSMOS GREY SILK MATT

800x1600 mm

67







ORAYON BEIGE SILK MATT





ORAYON GREY | SILK MATT

68





ORAYON GREY SILK MATT

ORAYON BEIGE | SILK MATT

# 800x1600 mm





PYUS MARFIL SILK MATT



PYUS MARFIL | SILK MATT

## PACKING DETAILS

DIMENSIONS (MM)	NO. OF SLABS/BOX	COVERAGE AREA
800X1600	02	2.56 m <sup>2</sup>

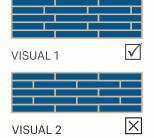
## TECHNICAL SPECIFICATIONS

S.No	Technical Characteristics	* IS 15622:2017, *EN 14411:2016 & ISO 13006:2018 Group Bla (Annex G) Standard's Requirement	Kajaria Eternity Tile's Specifications	Test method
1.	Deviation in length & width	± 0.1 % ± 0.6 %/ ± 0.3 %	± 0.10 %	IS 13630-1 EN ISO 10545-2
2.	Deviation in thickness	± 5.0 %	± 5.00 %	IS 13630-1 EN ISO 10545-2
3.	Deviation in Straightness of sides	± 0.1 % ± 0.5 %/± 0.3 %	± 0.10 %	IS 13630-1 EN ISO 10545-2
1.	Deviation in Rectangularity	± 0.1 % ± 0.5 %/± 0.3 %	± 0.10 %	IS 13630-1 EN ISO 10545-2
5.	Deviation in Surface Flatness	± 0.5 % ± 0.5 %/± 0.4 %	± 0.15 %	IS 13630-1 EN ISO 10545-2
5.	Surface quality	95% of the tiles shall be free from visible defects	95% of the tiles shall be free from visible defects	IS 13630-1 EN ISO 10545-2
<b>'</b> .	Modulus of rupture	Avg. 35 N/mm2, individual Min 32 N/mm2	≥ 40 N/mm²	IS 13630-6 / EN ISO 10545-4
3.	Breaking strength	Minimum 1300 N	≥ 2000 N ≥ 7000 N (Only for 60x60x1.5 cm) ≥ 1800 N (Only for 40x80 & 13x80 cm)	IS 13630-6 / EN ISO 10545-4
).	Bulk Density	Minimum 2.20 g/cc	≥ 2.25 g/cc	IS 13630-2
.0.	Glossiness	Manufacture to state the class	Min 5 for Rustic/Matt/Satin Finish Min 90 for Polish Finish	Glossimeter 60 degrees
11.	Water Absorption	≤ 0.08 %, Individual Max 0.1% ≤ 0.5 %, Individual Max. 0.6 %	≤ 0.08 %, Individual Max 0.1% ≤ 0.3 % (Only for 40x80 & 13x80 cm)	IS 13630-2 / EN ISO 10545-3
12.	Resistance to surface abrasion of Glazed tiles	Minimum Class II Report abrasion class and cycles passed	PEI-Class III to Class IV	IS 13630-11 EN ISO 10545-7
13.	Thermal expansion from ambient temperature to 100 ° C	Test method available	6x10 <sup>-6</sup> K <sup>-1</sup> Maximum	IS 13630-4 EN ISO 10545-8
14.	Thermal shock resistance	10 cycles Minimum Test method available	10 cycles Minimum	IS 13630-5 EN ISO 10545-9
15.	Moisture expansion	Maximum 0.02 Millimeter/Metre Test method available	Nil	IS 13630-3 EN ISO 10545-10
16.	Crazing resistance (Glazed Tiles)	Passes 4 cycles at 7.5 kg/cm2 Required	Passes 4 cycles at 7.5 kg/cm²	IS 13630-9 EN ISO 10545-11
.7.	Frost resistance	Required	100 cycles Minimum	IS 13630-10 EN ISO 10545-12
L8.	Resistance to Household Chemicals & Swimming Pool Salts #	Minimum Class AA Minimum GB	Minimum Class AA Minimum GB	IS 13630-8 EN ISO 10545-13
19.	Resistance to low & high concentration of acids & alkalis #	Manufacturer to state classification	Minimum Class AA Minimum GLB,GHB	IS 13630-8 EN ISO 10545-13
20.	Stain resistance**	Minimum Class 1 Minimum Class 3	Minimum Class 1 Minimum Class 3	IS 13630-8 EN ISO 10545-14
21.	Slipperiness	Test method available	≥ R-10 for Rustic/Matt/Satin Finish ≥ R-9 for Polish Finish	DIN 51130:2014
22.	Co-efficient of friction	Manufacture to state the class	≥ 0.32 for Rustic/Matt/Satin Finish > 0.20 for Polish Finish	ISO 10545-17
23.	Scratch hardness of surface(Moh's scale)	Minimum 5 Test method available	Min 6 for Rustic/Matt/Satin Finish Min 5 for Polish/Marbletech Finish	IS 13630-13 EN 101
24.	Impact Resistance	Minimum 0.55 Test method available	Min 0.55 & No identification of cracking	IS 13630-14 EN ISO 10545-5

- # Resistance to acids & alkalis (Exception of Hydrofluoric acid & its compounds)
- \*\* Vitrified tiles have resistance to most of the stains / chemicals but, it is recommended to take due care while laying and for day-to-day maintenance.
- \* Applicable in Gailpur plant only.
- Colours in the catalogue are as accurate as printing process allows. Please check actual tile sample before making the final selection.
- Sizes mentioned in the catalogue are nominal sizes only.
- $\,\blacksquare\,$  No claim will be entertained once the tiles are fixed.
- For better laying, please follow the instructions on the packaging box.
- In case it is required to lay the tiles on wall or floor in STAGGERED PATTERN, then always lay them in Overlap 20:80 ratio, as shown in VISUAL 1 instead of Brick pattern (overlap 50:50 ratio), as shown in VISUAL 2.
- Please make sure to check the shade/finish with the sales agent/dealer before making the final purchase because there might be variation in actual finish and that shown in the catalogue. The company will not bear any loss in such case.



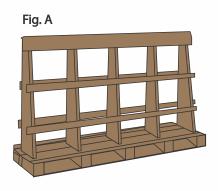


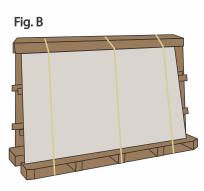




## TRANSPORTATION, HANDLING AND STORAGE OF ULTIMA SLAB

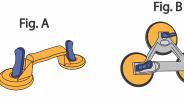
When transporting the Ultima slabs, they must be secured properly to avoid storage problems. If the tiles are transported over a short distance, the Ultima slabs should be kept vertically in the vehicle and at back side of slabs there should be proper packing or ply to avoid breakage. If the tiles are transported over a longer distance, they should be kept on an A shape frame, as shown in Fig A and B. With this method, we can avoid any breakage of slabs during transit.

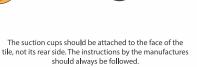


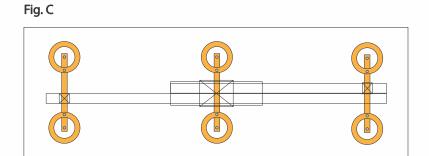


## **MANUAL HANDLING OF ULTIMA SLAB**

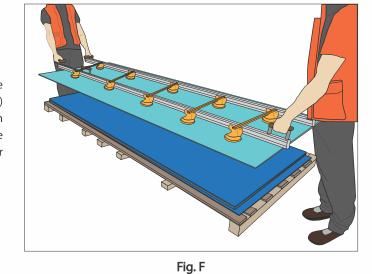
When handling Ultima slabs manually, the primary tool used is the regular suction cup (Fig. A and B). Using these, workers can shift the tiles easily.







If the surface of the slab is textured, the best way to handle the Ultima slabs manually is by using a Large Format Tile (LFT) Carrier System (Fig. C) with suction cups that hold the tile from all four sides. By using this method, workers can lift or shift the tiles easily without any damage and will require the manpower of two people.



## STORAGE

The Ultima slabs should be stored on A shape frame, made up of wood or steel with rubber lining, as shown below.



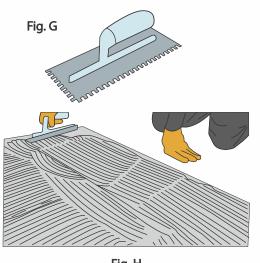
## **LAYING & FIXING**

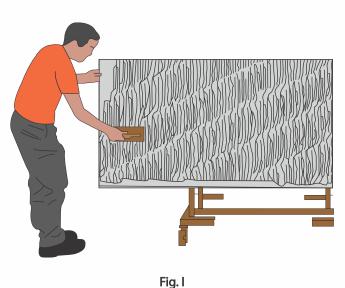
a) The Ultima slabs are very heavy, large-sized, and have sharp edges. So, it is important for the people transporting the tiles to wear protective gear like gloves during transportation. We also recommend the use of double or triple suction cups for a firm grip of the tile while ensuring the safety of the operator. Before transporting the tile, it should be thoroughly cleaned to get rid of any dust or moisture and make sure that the grip of the tile is not compromised. Then the suction cups should be placed on the face of the tile and be checked for how well they are stuck to the surface before lifting the tile.

To handle the large-sized slabs like Ultima slabs, we recommend using a special LFT carrier system with four suction cups.

- b) The following points should be considered while laying the Ultima slabs:
  - 1. The subfloor or the laying surface should be prepared properly before laying the Ultima slabs. The laying surface should be rigid, non-flexing, and capable of supporting the expected load with minimal or no deflection.
  - 2. A leveled subfloor is extremely important to keep the Ultima slabs from cracking.
  - 3. Provision of proper curing for the subfloor, for around 24 to 48 hours before tiling work.

For internal or external application, it is essential to select the appropriate cement-based, fiber-reinforced or ready-mixed adhesive to ensure that the Ultima slabs are properly fixed.

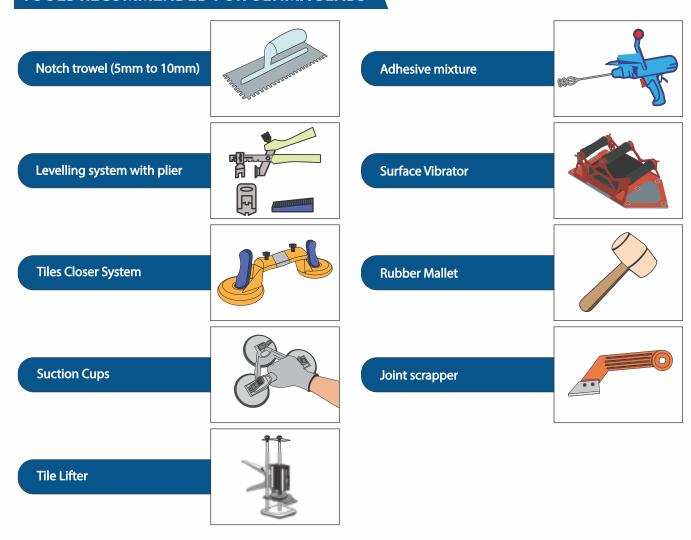




- 4. Once the subfloor is clean and ready, the adhesive should be spread evenly covering the entire area using a 10x10mm square notch trowel (Fig. G). The adhesive should cover 5cm to 10cm more than the size of the Ultima slabs. The adhesive should always be applied in stripes running parallel with the short edge to remove any air pockets or bubbles.
- 5. The Ultima slabs require back-buttering due to their large format. Back-buttering means applying a layer of adhesive at the back of the tile using a trowel (Fig. I). The Ultima slabs should be fixed on a handing frame with the use of suction cups in a vertical position,
- 6. To apply adhesive on the laying surface, a 10×10mm square notch trowel should be used whereas a 5×5mm square notch trowel should be used for back-buttering.
- 7. After fixing the Ultima slabs on a handing frame with the use of suction cups in a vertical position, it should be lowered slowly into a horizontal position and firmly pressed into the adhesive along with a surface vibrator or a rubber mallet.
- 8. Use a levelling system to avoid lippage and give a smooth and even surface at every joint. Levelling systems are available from 1mm to 10mm.
- 9. A closer system can be used to close the tiles nearer to each other and shift the tile slightly up and down at the time of fixing.
- 10. The backs of the slabs must be regularly checked to make sure that there is full contact between the adhesive and the tile surface. If a hollow sound is heard during fixing, the tile should be lifted again and provided with extra adhesive at that particular area to
- 11. After completing the tiling work, it is recommended to put a protection sheet on tiles until the completion of all civil work. It is recommended that the grouting work be done at the very last, after completing all civil work. We can use sanded grouts with hardener or epoxy grout, depending on the area of usage or as per instructions of the site in-charge.



## **TOOLS RECOMMENDED FOR ULTIMA SLABS**



## TILE CUTTING

Mark the portion to be cut out from the ends of the Ultima slab using a pencil. Then, properly position the cutting guide with a cutting carriage so that the references on the guide coincide with the lines marked on the slab. Lock the cutting. Guide with the cutting carriage in place using the suction cups. It is vital to keep the pressure and movement of the cutting carriage constant along the whole length of the cut to ensure correct scoring.

Score one end of the slab by 15cm pushing the cutting carriage towards the edge of the slab. Complete the scoring up to the opposite end of the slab.



## CLEANING

#### **CLEANING AFTER LAYING**

After laying the Ultima slabs on the floor or wall, it should be cleaned well to remove any residual grouting and the normal dirt acquired from building works.

A cementitious de-scaler can be used for cleaning the joints, as it is mildly acidic and does not emit harmful fumes, ensuring the safety of the user. In case of material laid with epoxy or resinous grouting, it is recommended to clean after laying with specific detergent or tile cleaner.



#### **REGULAR MAINTENANCE**

To clean the floor thoroughly, we recommend using a natural detergent with high cleaning power. In case of strong dirt that gets encrusted with time, we recommend consulting the following ways to find the perfect solution to every situation:

TYPE OF DIRT	PRODUCT	
Cement, Metal tracer, rust	Cementitious descaler	
Residuals, stains and halos of epoxy joints	Epoxy descaler	
Grease, tire marks, colours, markers etc.	Non soap degrease	
Graffitis	Acetone and anti-graffitis	

## **RECOMMENDATIONS**

#### **Drying Process**

Once the tiles have been grouted and the excess grout has been cleaned off, it is important to wait till the tiled surface is dried completely before cleaning. The recommended waiting time is 5 days, before cleaning or using the tiled surface.

#### **Protecting from Liquid**

The newly tiled surface must be protected from water and moisture while the adhesive and grouting materials are maturing and hardening. This is particularly important for outdoor spaces and areas, where there is a risk of freezing.

#### **Damage Prevention**

It is important to protect the newly tiled surface against mechanical or chemical damage resulting from subsequent work carried out by other professionals or due to later installations. Damage can be prevented by covering the floor tiles with thick cardboard or similar material.

## **Cleaning Products**

For the final cleaning of the tiled surface, the products used should be compatible with the chemical resistance of the tiles. Avoid using solid detergents with abrasive particles and solutions containing hydrofluoric acid, which attacks the glaze and causes irreversible damage to the vitrified tile.



## DISPLAY CENTRE

## <u>North</u>

#### CHANDIGARH:

SCO-8,1st floor, Sector 7C, Madhya Marg, Chandigarh-160019 Phone: +91-172- 4631417 Mobile: 9779021253, 9779021262

#### **DEHRADUN**:

Fortuna Tower, 1078, First Floor, Opp. IMA Blood Bank, Chakrata Road Dehradun – 248001 Mobile: 7755001347, 9717795202 7755001346

#### JAIPUR:

G-1, G-2, Aishwarya Tower, Near Hotel Hawa Mahal, Ajmer Road Jaipur-302005, Rajasthan Phone - +91-141 2223425, 9799495766

## LUCKNOW:

7, Tajpuria palace, Faizabad Road, Indira Nagar, Lucknow, Uttar Pradesh Mobile: 9717795204,9956252777

## South

#### BANGALORE:

Farah Icon, 119 2nd Floor, Opp. New Pass Port Kendra, Lalbagh Road, Bangalore-560027, Karnataka Mobile: 9008402949, 9008016799

#### CHENNAI:

Old No.10, New No.46, Montieth Road Above Wait Rose Super market Egmore, Chennai – 600008. Mobile: 9791178678, 9952094333

#### COIMBATORE:

1<sup>st</sup> Floor, No.57, Cowley Brown Road, Near Central Library, R.S. Puram Coimbatore - 641002. Mobile: 9629944454, 9677708080

#### COCHIN:

Door No. 48/557-C, MN Square Near Gold Souk, NH By-Pass, Vyttila, Cochin 682019, Kerala Mobile: 9995868863, 9746473684, 7303663188

#### HYDERABAD:

#3 - 143, 1st Floor, Nirvana Building, Kavuri Hills, Police Station Opp.Road, Madhapur Hyderabad - 500081, Telangana Mobile: 9000304996, 9000304992, 9000005383, 7680000890, 9000304997

## <u>West</u>

#### MUMBAI:

B WING, 617-620, Bonanza, Sahar Plaza Complex, 6th Floor, M. V Road, Near Hotel Kohinoor Continental, JB Nagar, Andheri East. Mumbai - 400059, Maharashtra Mobile: 8968586560, 9987789500

#### PUNE:

2nd Floor, Grace Platina, Opp.Kumar Pacific Mall, Shankar Seth Road,Pune – 411042 Mobile: 9730088497, 9730088498

# Sales Representative

## <u>NORTH</u>

## GURGAON:

Mobile: 9971744115, 9717795210, 9717795205

## NOIDA:

Mobile: 9717795156, 9717795200, 9717795205

#### **DELHI & FARIDABAD**:

Mobile: 9560553304, 9717795029, 9717795192

### KUMAON:

Mobile: 7755001348, 7755001349, 9717795202

#### WESTERN UP:

Mobile: 9717795202, 8800093020, 7755001348

#### HARYANA:

Mobile: 8295200155, 8295200410

## LUDHIANA:

Mobile: 9779021270,9779021267, 9779021264,9779021255

# HIMANCHAL PRADESH:

Mobile: 9779027169, 9779021253

#### JAMMU & KASHMIR:

Mobile: 9906906622, 9086411081

### VARANASI:

Mobile: 9794865554, 9005095500

## **EAST**

### ASSAM:

Mobile: 9311299711, 9903234184

## BIHAR:

Mobile: 9771458963,9892408080

#### JHARKHAND:

Mobile: 9934011406, 8882918981

#### ORISSA:

Mobile: 9937185338, 9937285865, 8882918983

# WEST BENGAL / KOLKATA:

Mobile: 9007011022, 9007011028, 9007062814

## **CENTRAL**

## CHHATTISGARH:

Mobile: 9981528088

## RAIPUR:

Mobile: 9758598467,9981528088

#### BILASPUR:

Mobile: 7898028779,9981528088

#### BHOPAL:

Mobile: 9981528092

## INDORE:

Mobile: 9630025576, 9981528089

## <u>WEST</u>

## AURANGABAD:

Mobile: 8600992620, 9730088497

# GOA:

Mobile: 9665046116, 9730088497, 7028018708

## NASIK:

Mobile: 8600992620, 9730088497, 7028030538

## AHMEDABAD:

Mobile: 9998804440, 8511581725

## NAGPUR:

Mobile: 9987538689, 9730088497

## **SOUTH**

ANDHRA PRADESH: Mobile: 9000300790

## VIJAYWADA:

Mobile: 7680046467, 9000300790

Notes		

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**APRIL - 2023**