

# stone

BOLD SURFACES



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## Limitless Sensation

When hands meet earth and soil, they reactivate the deep bond that binds us to nature. Unique sensations are born, exploiting the potential of creativity through refined craftsmanship.

Combined with the fine and elegant structure of Stone, these sensations create a new material, to allow the sensibility of designers to express with free and natural breath.

A material that finds in the many colors of the earth, a design that is capable to reconcile variety and organicity, knowing no limits of expression.





## Redefining Colours

पञ्चांशा was born from the inspiration to create a symbiosis between nature and stone, a primitive element and a refined stone.

Natural materials that enrich each other, brought together by the craftsmanship of the designer searching for a new kind of surface.

Skilled hands caress grains of earth and perceive their intimate essence. Strengthened by this tactile knowledge, they shape delicate textures, recalling the ethereal lightness of stone.

The result is a warm and vivid material, defined in twelve colors referring to the nature and colors inspired by sand, clay and spices.

पञ्चांशा is designed to meet the latest architecture and interior design needs.

*Minimal  
But complex  
Classical but  
contemporary  
**STONE**  
Is the way  
For every style  
and Design need*



INDEX

RANGE

BASIC

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SUPER PLUS

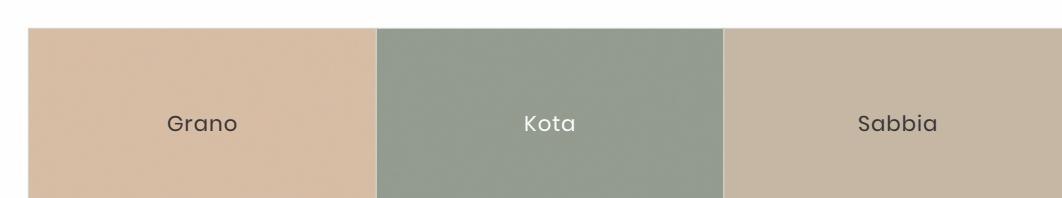
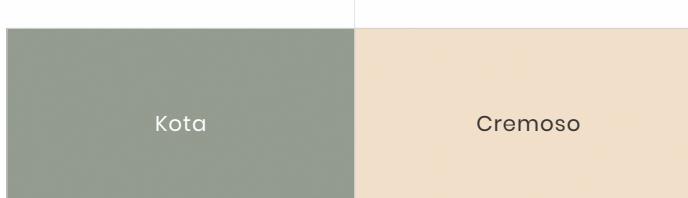
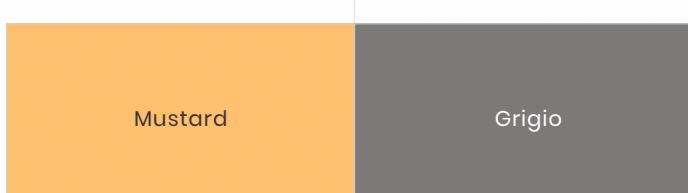
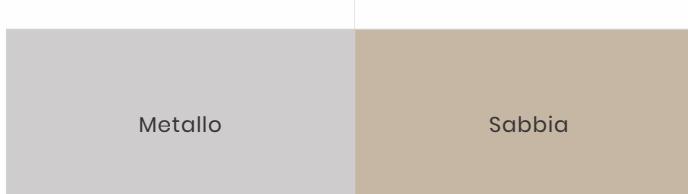
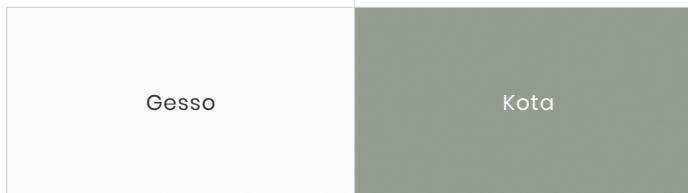
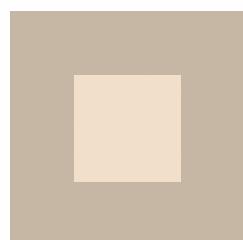
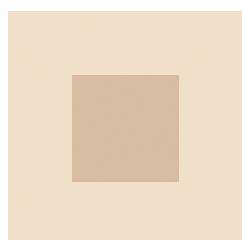
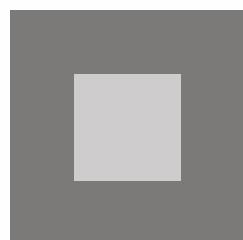
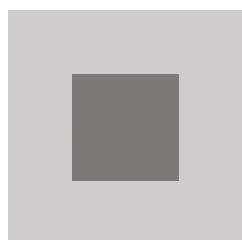
TECH. DATA

# Infinite Combination

The theory of colors tells us about the rules of analogy and complementarity, about how color emerges from nature when tint, tone and shade come into play. It also tells how our perception of a colored surface varies depending on the other colors that are associated with it.

This is what we have considered in the design of पञ्चगी. The result is an organic set of colors, that can stand by themselves or that can be harmonically blended in infinite combinations.

A wide range of options for interior and exterior applications, in residential, commercial, work or public spaces.





### Solid

## FULLBODY

Solid, strong and uniform, it maintains its appearance even in the event of extreme wear and damage.



### Safe, Clean, fireproof

Sanitisable, resistant to acid, easy to clean, does not burn and does not release harmful substances.



### Highly sustainable

Fullbody porcelain stoneware produced with maximum respect for the environment and for workers. Long-lasting and recyclable

**FULLBODY**

**Minerals.  
Nature. Craftmanship.**

Natural minerals  
and raw materials,  
combined in a naturally  
random pattern

**WHAT YOU SEE  
ON TOP.**

**IS WHAT YOU HAVE  
ON THE INSIDE.**







**Protect**  
ANTIBATTERICO - ANTIMICROBIAL

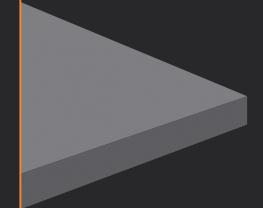
No Germs & Fungus, Less Health Issues | Get Rid of the Odours  
 Various Applications | Improves Quality of Life

Fullbody Tiles Collections comes with protect antibacterial hybrid+ technology. These Vitrified matt tiles is an innovative product made from finest ingredients with anti microbial treatment that inhibits growth of germs like bacteria and fungus.

This full body product with skid resistant property can be safely used in hospitals, schools, residential areas, offices or any other commercial spaces, where longevity and hygiene is paramount.

**FULL BODY**

These tiles are ideal for zones with heavy footfall because even after extented use, their colour remains the same.



**SKID RESISTANT**

A versatile surface with skid resistant property makes these tiles perfect for zero slippage on slopes of upto 25°.



**GERM FREE (99.9%)**

A specially formulated anti-microbial application used during the manufacturing process enables these tiles to prevent habitation of germs like bacteria and fungus, making them an ideal choice for today's health-conscious consumers.



**SCRATCH RESISTANT  
STAIN RESISTANT**



***Confidently Smooth, Comfortably Stylish.***

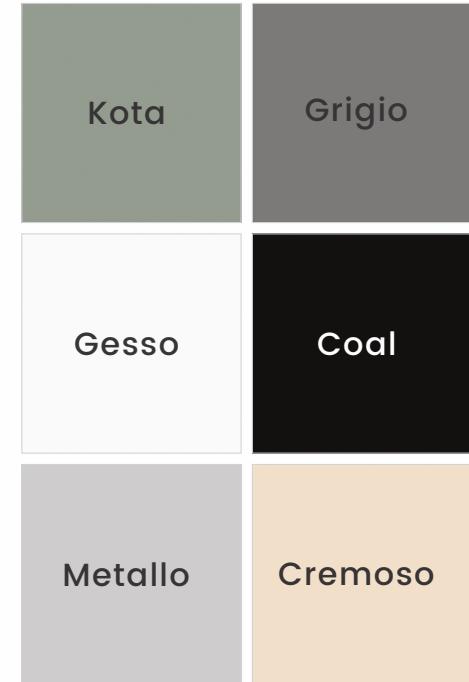
As smooth as the breezing wind, 'Meta Surface' is yet another achievement for us. The exceptional surface is achieved with the exclusive and patented Italian technology, which is the first of its kind in India. It takes the surface quality to where no other technology can reach.

With this innovation, we have overcome the myth that smooth surfaces get scratches and stains. Despite having the unmatched smoothness, 'Meta Surface' is resistant to scratches.

600x1200mm



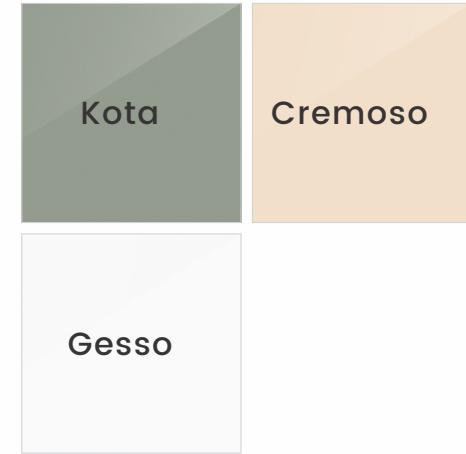
600x600mm



600x1200mm



600x600mm



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## Style Index and Category

पाठ्यांजलि an extraordinary homogeneous surface that is a unique delight for interiors and architects. The collection gives creative freedom to experiment, play around with their thoughts and ideas in an innovative way.

Our Natural solid range of colours , offers architects and interiors a rich palette for creating inspired structures that adds luxury and elegance to your space.

थर्डज़ full body tiles are characterized by soft solid colours and natural granite base with a surface of premium matt and smooth polished, is available in 60x60cm & 60x120cm size.

### Basic

- Metallo
- Grigio
- Grano
- Cremoso
- Sabbia
- Kota

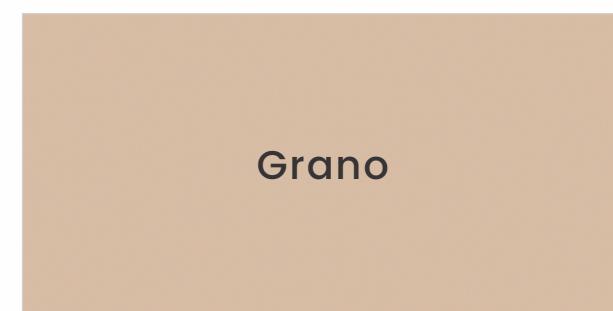
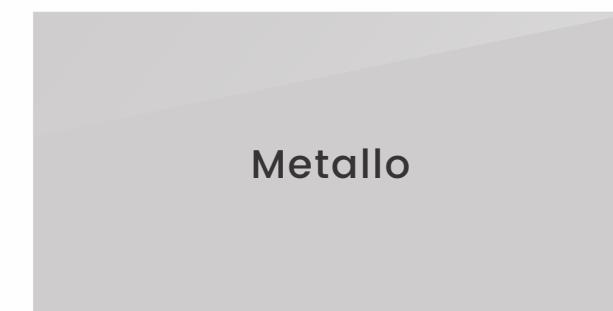
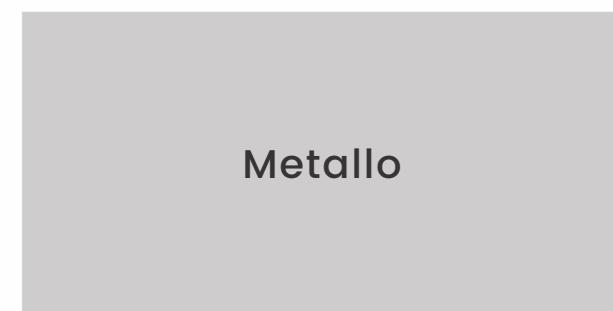
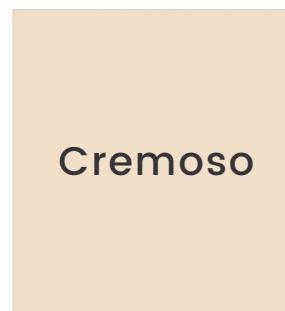
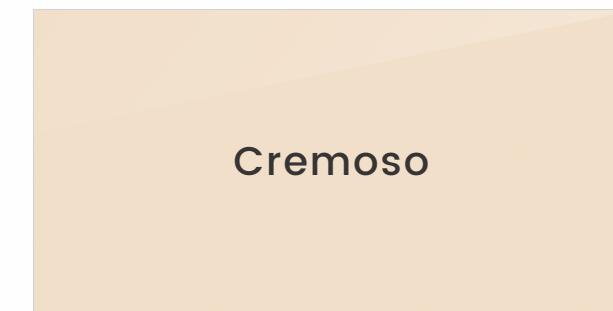
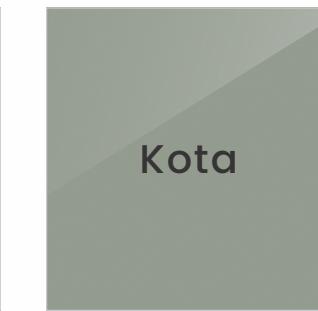
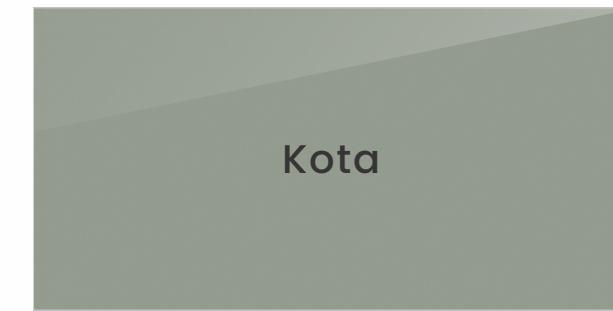
### Plus

- Argilla
- Soil

### Super Plus

- Coal
- Gesso
- Mustard
- Umber





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**STONE**  
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KOTA

SIZE: 600x1200mm | SURFACE: PREMIUM MATT | CATEGORY: BASIC

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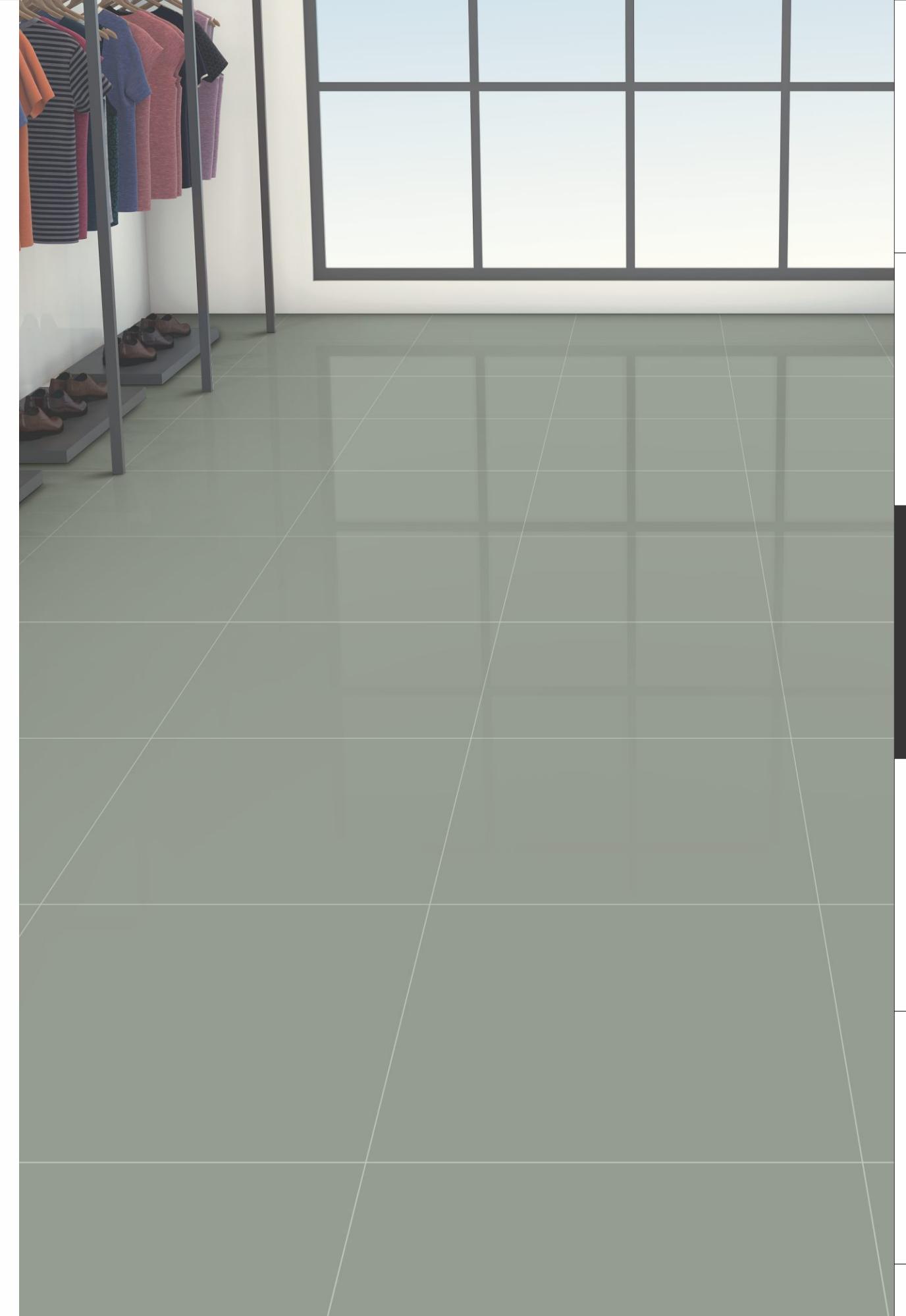
BASIC

PLUS

SUPER PLUS

TECH. DATA

SIZE: 600x1200mm | SURFACE: SMOOTH POLISHED | CATEGORY: BASIC



SIZE: 600x600mm | SURFACE: SMOOTH POLISHED | CATEGORY: BASIC





600x1200mm



600x600mm



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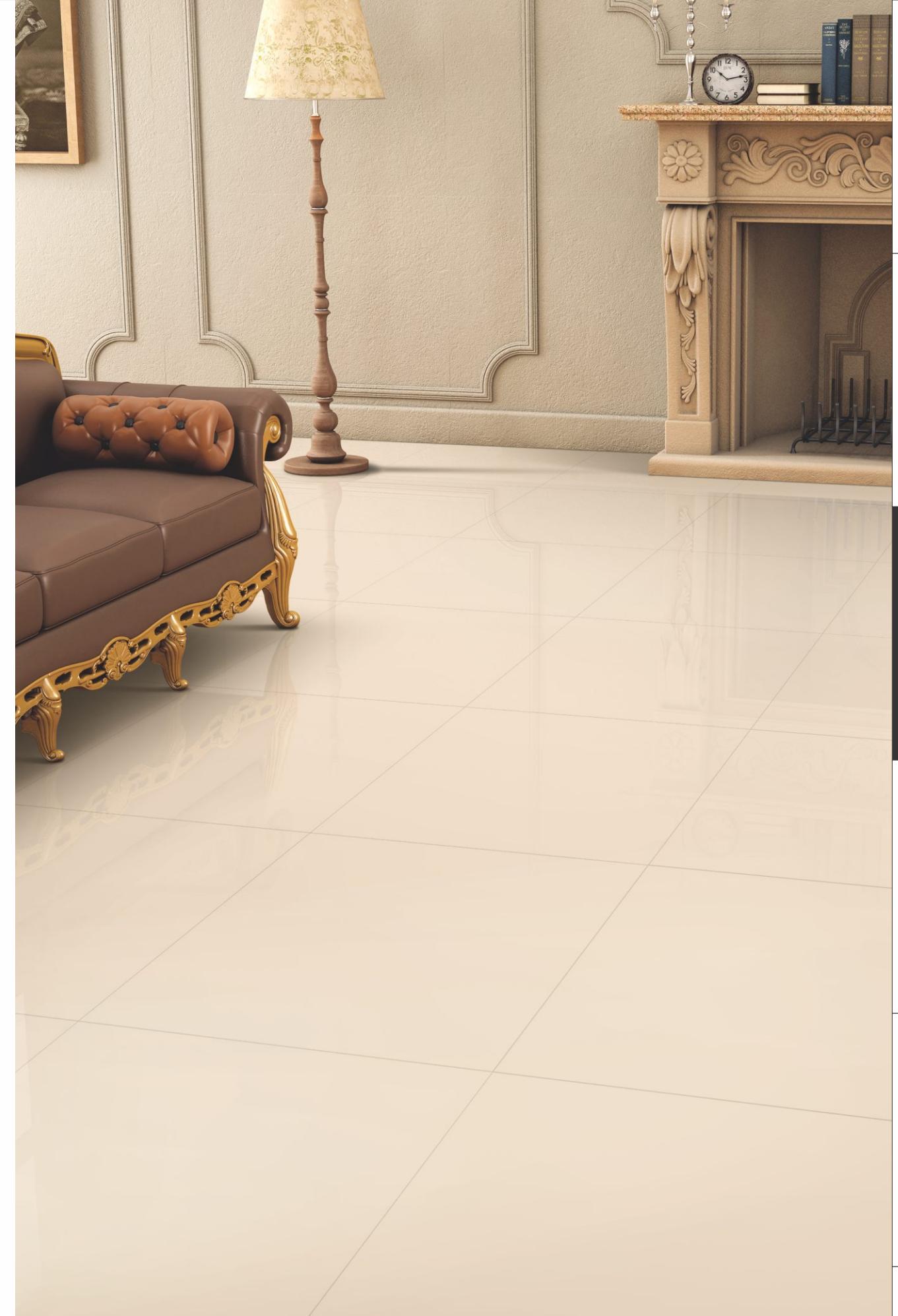
**CREMOSO**

SIZE: 600x1200mm | SURFACE: PREMIUM MATT | CATEGORY: BASIC



**stone**  
BOLD SURFACES

SIZE: 600x1200mm | SURFACE: SMOOTH POLISHED | CATEGORY: BASIC



SIZE: 600x600mm | SURFACE: SMOOTH POLISHED | CATEGORY: BASIC

CREMOSO

SIZE: 600x600mm | SURFACE: PREMIUM MATT | CATEGORY: BASIC

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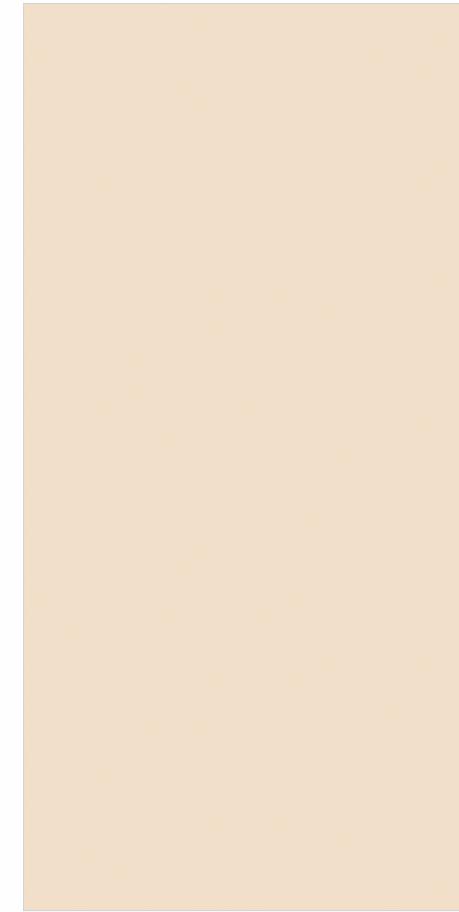
SUPER PLUS

TECH. DATA

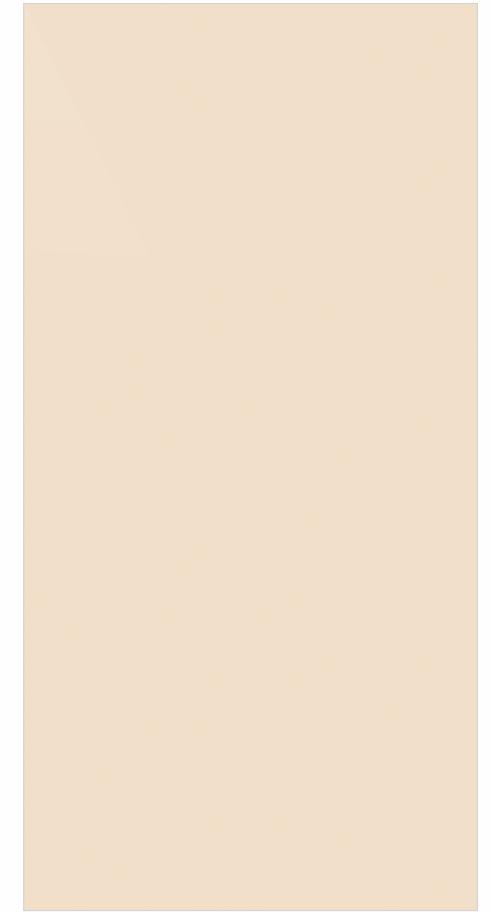


Category: Basic

600x1200mm

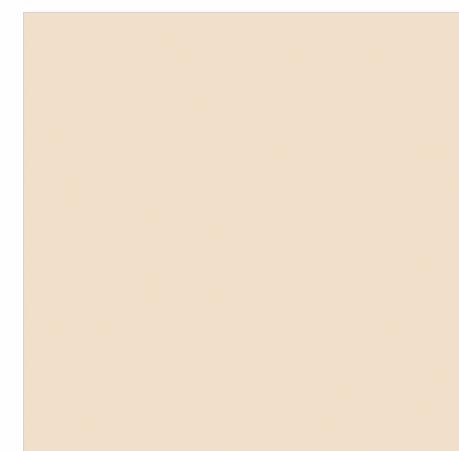


Surface: Premium Matt

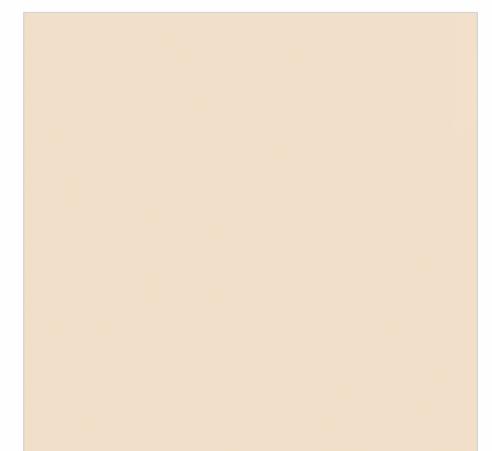


Surface: Smooth Polished

600x600mm



Surface: Premium Matt



Surface: Smooth Polished

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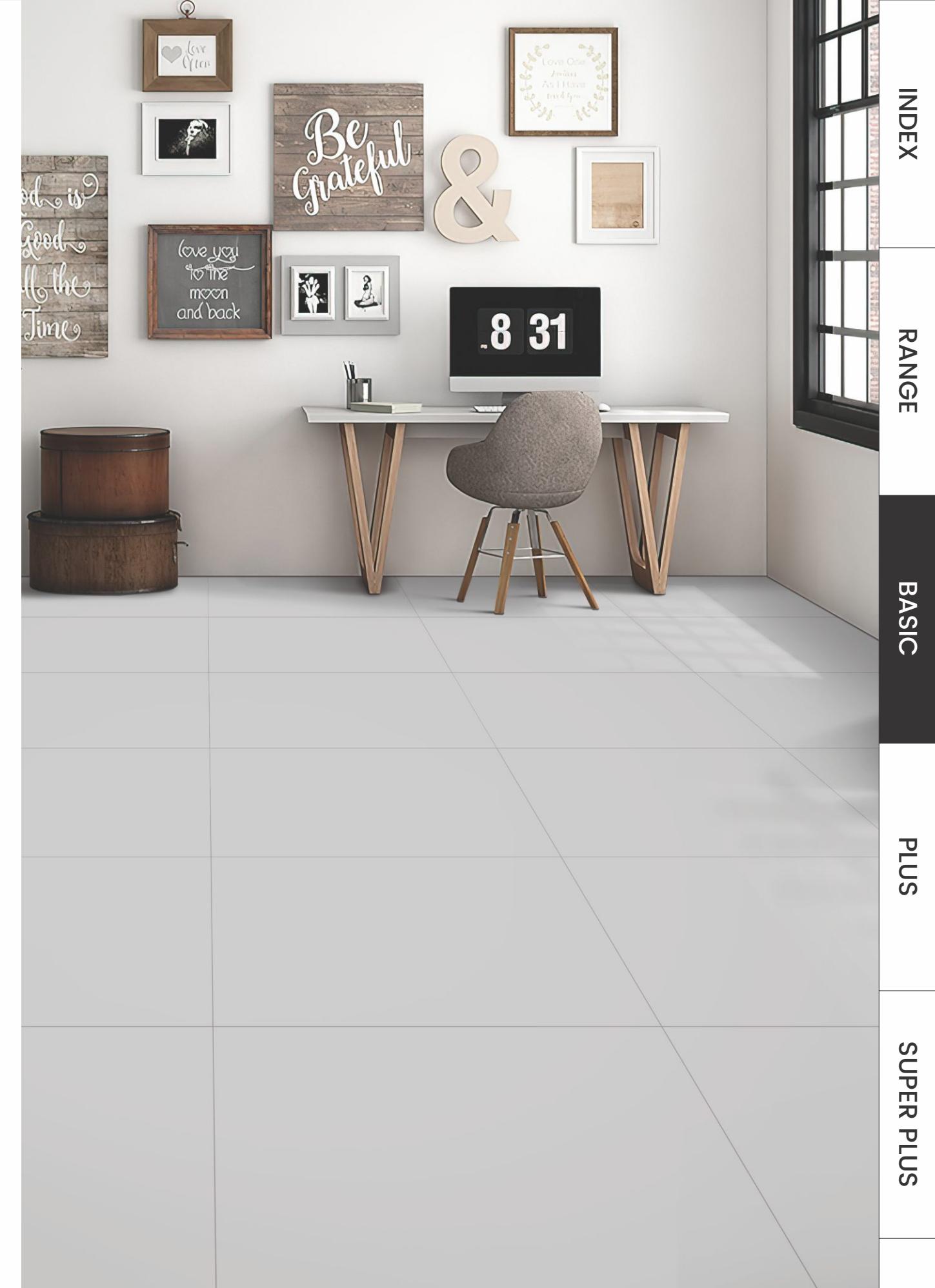


METALLO

SIZE: 600x1200mm | SURFACE: PREMIUM MATT | CATEGORY: BASIC

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SIZE: 600x1200mm | SURFACE: SMOOTH POLISHED | CATEGORY: BASIC



SIZE: 600x600mm | SURFACE: PREMIUM MATT | CATEGORY: BASIC

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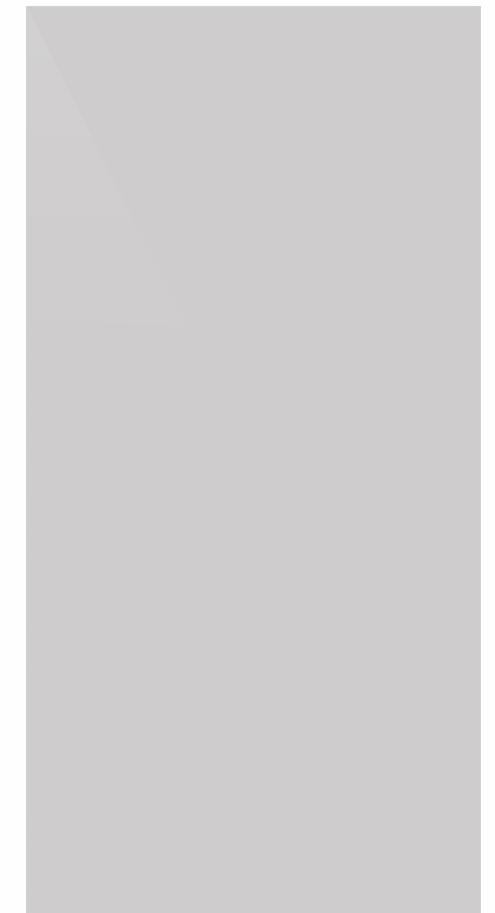
TECH. DATA

Category: Basic

600x1200mm

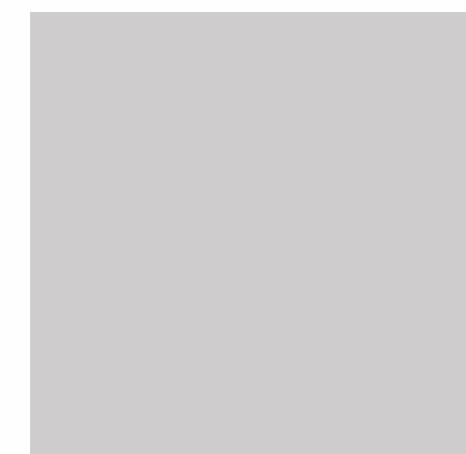


Surface : Premium Matt



Surface : Smooth Polished

600x600mm



Surface : Premium Matt

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**GRIGIO**

SIZE: 600x1200mm | SURFACE: PREMIUM MATT | CATEGORY: BASIC

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**GRIGIO**

SIZE: 600x600mm | SURFACE: PREMIUM MATT | CATEGORY: BASIC

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GRIGIO



Category: Basic

600x1200mm



Surface : Premium Matt

600x600mm



Surface : Premium Matt

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**GRANO**

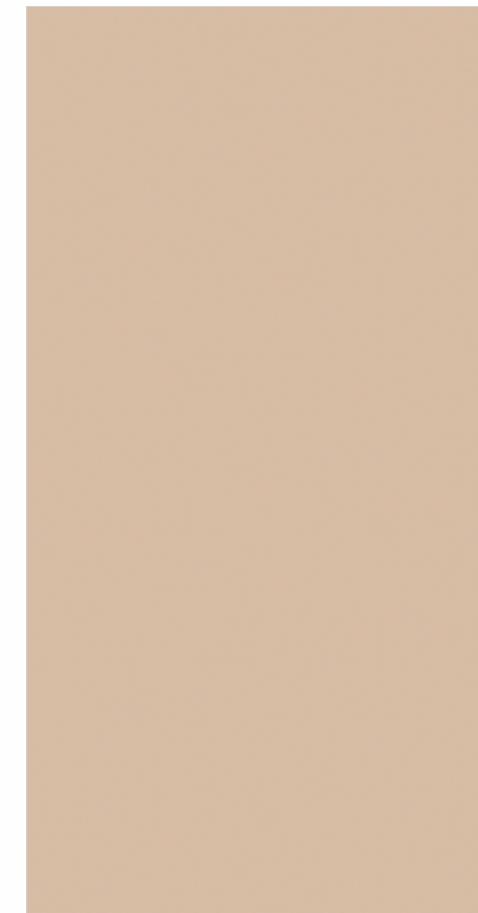
SIZE: 600x1200mm | SURFACE: PREMIUM MATT | CATEGORY: BASIC

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Category: Basic

600x1200mm



Surface : Premium Matt

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**SABBIA**

SIZE: 600x1200mm | SURFACE: PREMIUM MATT | CATEGORY: BASIC

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S

# SABBIA



600x1200mm



Surface : Premium Matt

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Argillia



Soil

**STONE  
PLUS COLOR RANGE**



**ARGILLIA**

SIZE: 600x1200mm | SURFACE: PREMIUM MATT | CATEGORY: Plus

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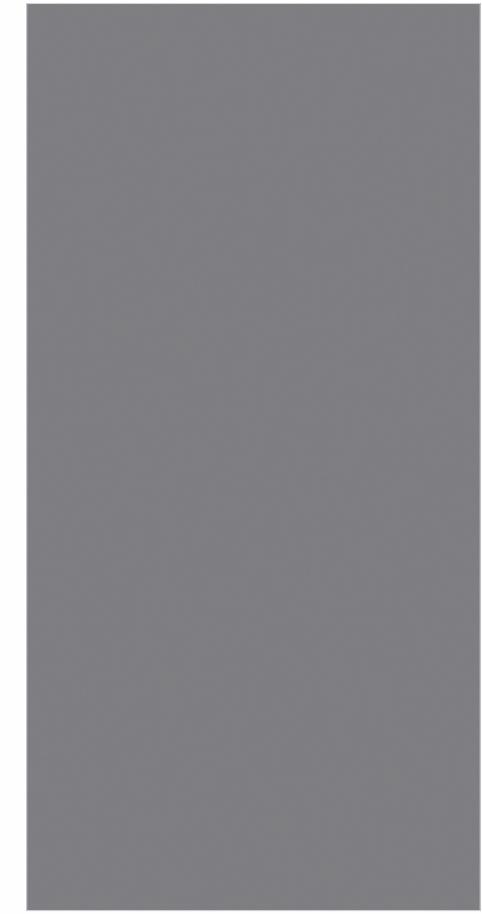
TECH. DATA

# ARGILLIA



Category: Plus

600x1200mm



Surface : Premium Matt

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**SOIL**

SIZE: 600x1200mm | SURFACE: PREMIUM MATT | CATEGORY: PLUS

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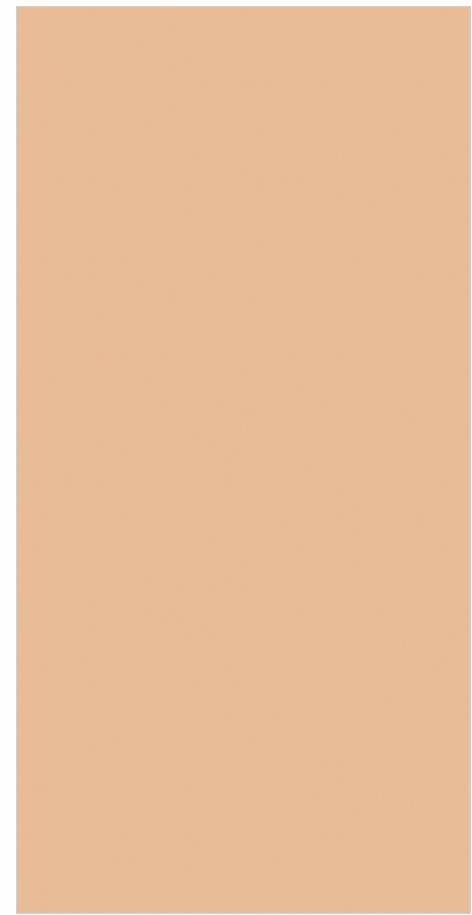
SUPER PLUS

TECH. DATA



Category: Plus

600x1200mm



Surface: Premium Matt

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Gesso

Gesso

Gesso

Coal

Coal

Coal

Mustard

Mustard

Umber

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GESO

SIZE: 600x1200mm | SURFACE: PREMIUM MATT | CATEGORY: SUPER PLUS

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SIZE : 600x1200mm | SURFACE : SMOOTH POLISHED | CATEGORY : SUPER PLUS



SIZE : 600x600mm | SURFACE : SMOOTH POLISHED | CATEGORY : SUPER PLUS

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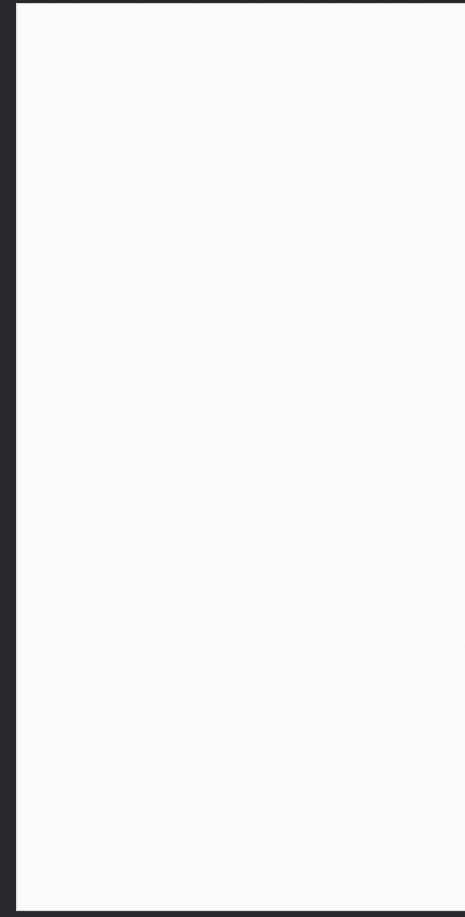
SUPER PLUS

TECH. DATA

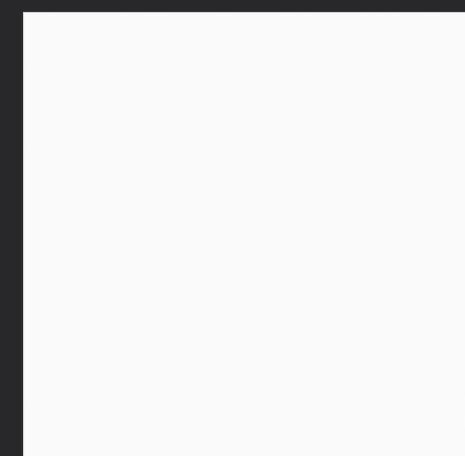




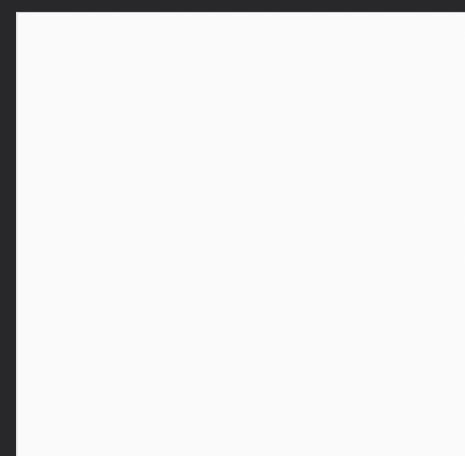
Surface : Premium Matt



Surface : Smooth Polished



Surface : Premium Matt



Surface : Smooth Polished

Category : Super Plus



**COAL**

SIZE: 600x1200mm | SURFACE: PREMIUM MATT | CATEGORY: SUPER PLUS

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**COAL**

SIZE: 600x600mm | SURFACE: PREMIUM MATT | CATEGORY: SUPER PLUS

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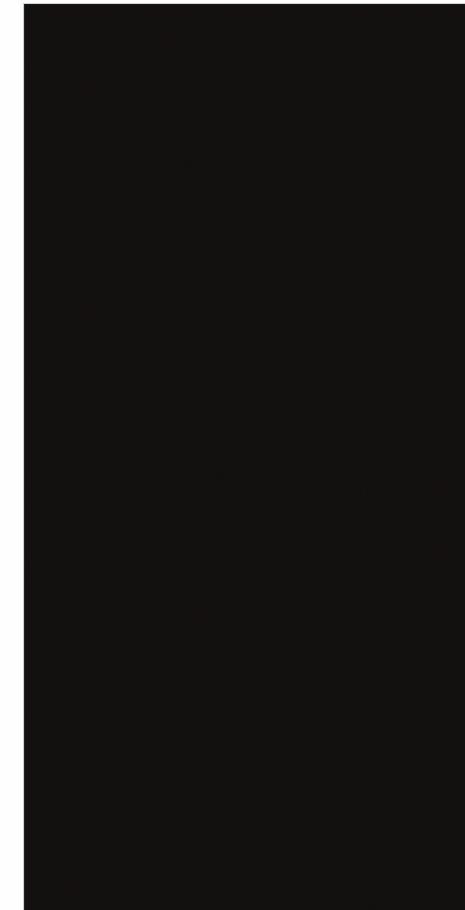
SUPER PLUS

TECH. DATA



Category: Super Plus

600x1200mm



Surface: Premium Matt



Surface: Smooth Polished

600x600mm



Surface: Premium Matt

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**MUSTARD**

SIZE: 600x1200mm | SURFACE: PREMIUM MATT | CATEGORY: SUPER PLUS

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SIZE: 600x1200mm | SURFACE: SMOOTH POLISHED | CATEGORY: BASIC



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# MUSTARD



Category : Super Plus

600x1200mm



Surface : Premium Matt



Surface : Smooth Polished

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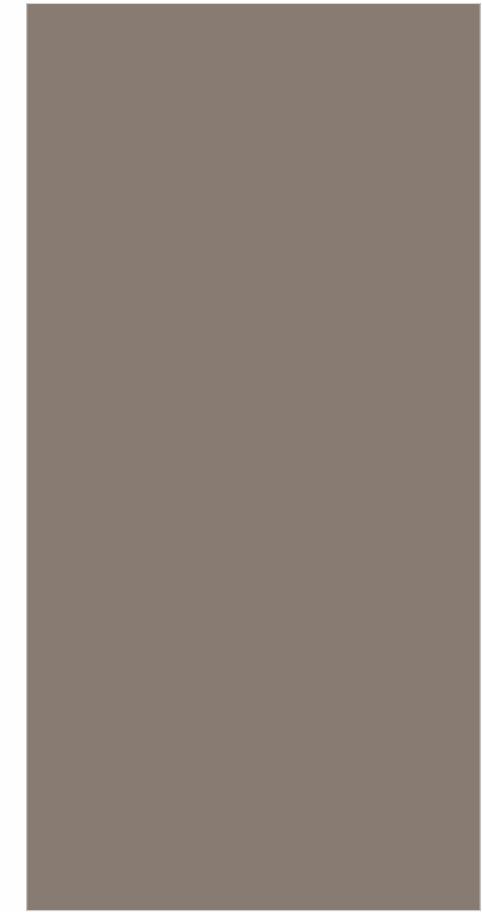


UMBER

SIZE: 600x1200mm | SURFACE: PREMIUM MATT | CATEGORY: SUPER PLUS

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600x1200mm



Surface : Premium Matt

Category : Super Plus

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**Certification**

**Installation Process**

**Technical Specification**

**Tile Cleaning**

## OUR NAME STANDS FOR TECHNICAL AND AESTHETIC EXCELLENCE.



**Around the world, we proudly promote materials that best express that Made in India aesthetic, style and technical excellence.**

On the international market, our name is synonymous with Full body tiles technical porcelain stoneware that offers extremely high technical and aesthetic performance. We transform top quality raw materials into ceramic projects able to interpret the many requirements of a continuously evolving world.



Tiles of India is the certified brand of origin which exclusively marks all products fully manufactured in India representing the decades old values system of the Indian Ceramic Industry. We support all those values promoted by the Indian Ceramics code of ethics, from **100% Indian production to social and environmental responsibility.**



**100% ISO 9001 : 2015 certification** is internationally recognised and represents a guarantee of the excellence and quality of the management system. थंड्यांTILES decided of its own accord to undertake this important process, adopting a set of rules, responsibilities and checks to improve the efficiency of processes and customer satisfaction, to boost its competitiveness and maintain compliance with the highest quality standards.



**SAFETY SYSTEM MANAGEMENT**  
The health and wellbeing of employees are crucial priorities for थंड्यांTILES. the attainment of ISO 45001 certification strengthens a business culture that sees safety not simply as a question of regulatory compliance, but as an essential part of working processes. Regulation is a necessary tool for generating a new model of sustainable competitiveness that can improve company performance across the board.

## ECO-SUSTAINABLE DEVELOPMENT



### ENVIRONMENTAL MANAGEMENT

थंड्यांTILES conforms with the environmental regulations envisaged by the ISO 14001 certification. This certification measures and controls the reduced environmental impact of production sites, through an environmental management system based on strict parameters.

#### Our Tiles **CONTRIBUTES** TOWARDS ENERGY EFFICIENCY THROUGH:

- 100% recycling of waters used
- 100% recycling of unfired and fired waste
- 100% recycling of packaging and pallets
- 60% recycling of waste.

#### LOW ATMOSPHERIC GAS EMISSIONS

- 100% Water Consumption Savings
- 100% Recycling of Unfired Waste
- 100% Recycling of Fired Waste
- 100% Recycled Packaging
- 70% Recycling of Industrial Waste
- Noise Pollution Monitoring
- 100% Recycled Pallets



#### LOW ATMOSPHERIC GAS EMISSIONS



#### 100% WATER CONSUMPTION SAVINGS



#### 100% RECYCLING OF UNFIRED WASTE



#### 100% RECYCLING FIRED WASTE



#### 100% RECYCLED PACKAGING



#### 90% RECYCLING OF INDUSTRIAL WASTE



#### NOISE POLLUTION MONITORING



#### 100% RECYCLED PALLETS

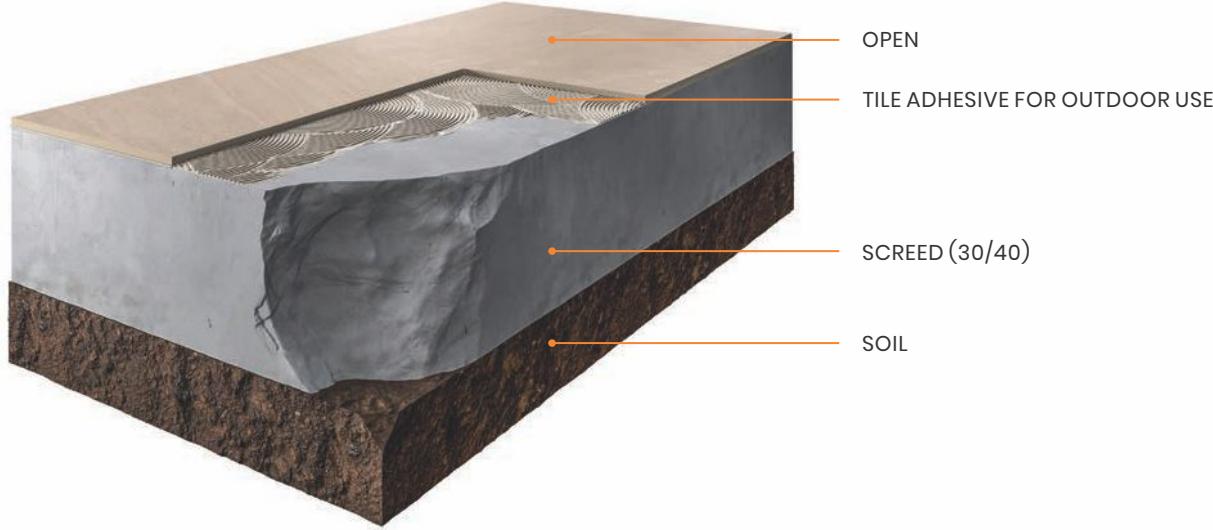


IMC is a voluntary certification system, for the design, construction and management of high performance sustainable buildings; it promotes an integrated design system that concerns the whole building. It is developed by the U.S. INTERNATIONAL MANAGEMENT COUNCIL (USIMC), an association which provides a global approach to sustainability, providing recognition for virtuous performance levels in key areas of human and environmental health. The system is based on rating credits for each of the requisites featuring the sustainability of the building. The sum of the credits composes the certification level achieved.

# LAYING ON SCREED



## SUGGESTED PROCESS



Clean the existing surface and check that the screed has been properly prepared: flat, dry and cured. Spread the adhesive evenly over the surface.

मौजूदा सतह को साफ कर और जांच ले कि स्क्रीड सही से तैयार किया गया है: सपाट, सूखा और ठीक हो। सतह पे एड्हेसिव को समान ढंप से फैलाएं।



Put the tiles in place and tap down gently with a rubber hammer to drive out the air and ensure perfect bonding. Fit the 4/5 mm spacers into the joints.

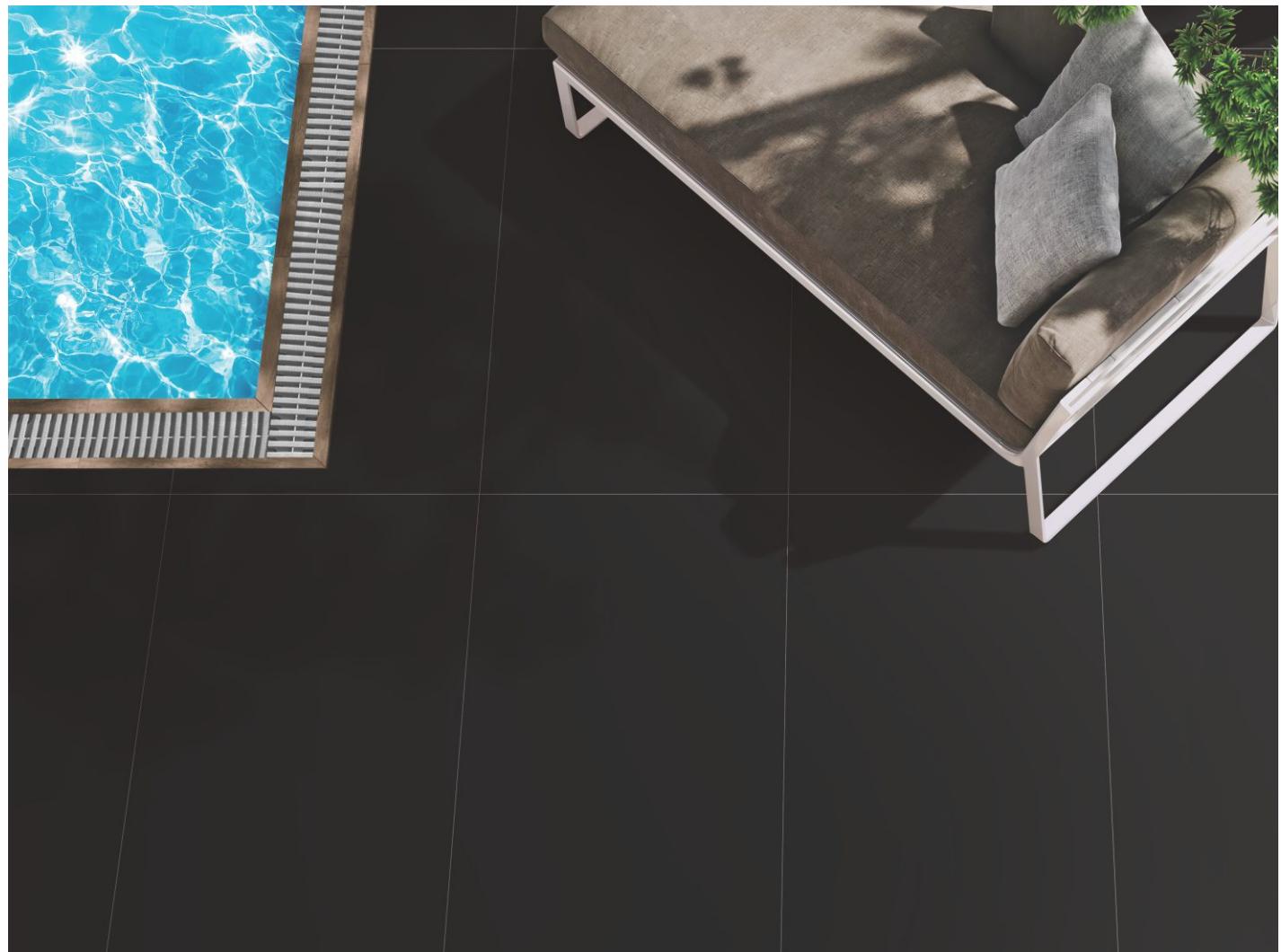
ब को जगह म रख और धीरे से एक रबर के हथौड़े से नीचे टैप कराओ और हवा को बाहर नकाल सही बॉ ंग सुनत कराओ जोड़ म 4 या 5 मर्मी सर फट कर।



Once the glue has dried, remove the spacers, grout the joints and clean thoroughly to remove any residues.

गढ़ सूख जाने के बाद, स्पेसर को हटा द, जोड़ को उठ कर और उसके कोर्ड अवशेष हटाने के लिए आंतरिक सतह साफ कर।

# LAYING AS RAISED PAVING



## SUGGESTED PROCESS



## INSTALLATION SYSTEMS

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Clean the existing surface and check that the screed is level to select the right type of pedestal. The screed must be dry and cured. Prepare the chosen pedestals, cutting the ones around the edge to size and removing any unwanted wings.

मौजूदा सतह को साफ कराओ और जांच लाक ड सही कार के पेडल को चुनने के लए ट पर है। ड को सूखा और ठीक किया जाना चाहए। चुने ए पेडल को तैयार कराओ और कार देने के लए कनारे के चार ओर काटकर तैयार कराओ। कसी अवांछित व को भी हटाद।



Arrange the grid of pedestals in accordance with the laying diagram, starting with those around the edge. Fit the protective tile edge clips on the pedestals against any walls.

पेडल के ड को आरेख के अनुसार वत बछाए, कनारे के आसपास से थुकरा छदीवार क तरफ के पेडल परोटे व टाइल एज फट कर।



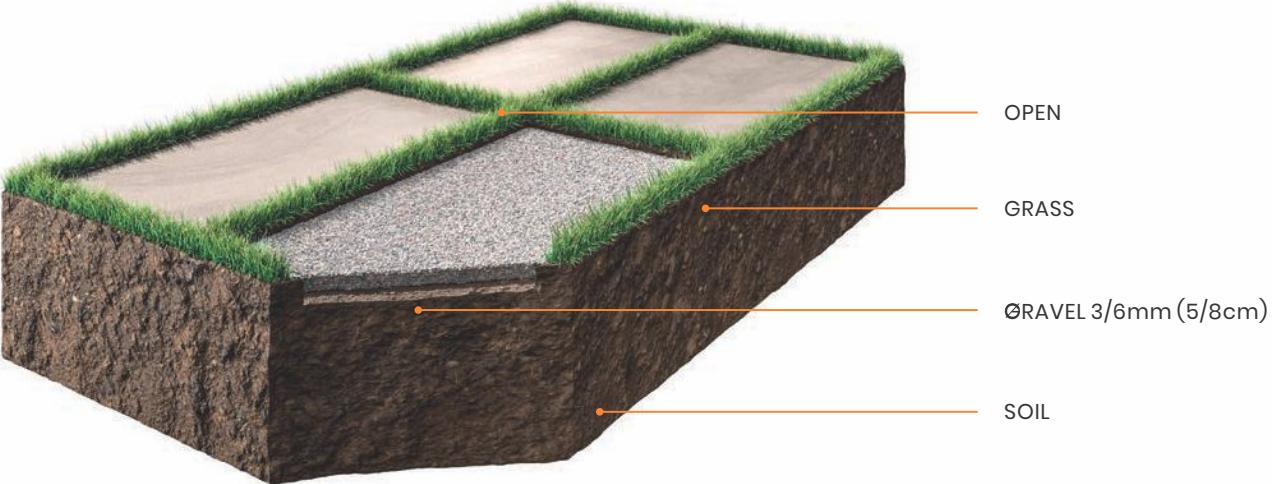
Lay the tiles on the pedestals dry. Add a pedestal in the middle of the tiles, removing the spacer wings. Systematically check the flatness and adjust the heights of the pedestals with the adjuster key to compensate for any unevenness in the substrate. A little slope of the substrate is always recommended in order to prevent water stagnation underneath the surface.

पेड पर ट्लैब को सुखा बछाए। ट्लैब के बीच म एक पेडल जोड़े सर वंग को हटाए। स ट म कसी भी असमानता क भरपाई के लए एडजर क को इमाल कर के वत प से पेडल क ऊंचाई और समतलता क जांच कराओ। कार देने के लए सतह के नीचे स ट का थोड़ा ढलान हमेशा अनुरूप है।

# LAYING ON GRASS



## SUGGESTED PROCESS



## Stone COLLECTION

## INSTALLATION SYSTEMS

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Place the slabs dry on the grass and check that the gap between them is the same over the entire laying surface.

स्लैब को घास पर सुखा बछाए और जांच के उनके बीच का अंतर पूरी बछाने का सतह पर समान है।

Mark out the area of turf to be removed and dig out to a depth of at least 5 cm. Create a layer of at least 3 cm of gravel (diam. 3/6 mm).

हटाए जाने वाले टप्पे के को चत कराओर कम से कम 5 सेमी क गहराई तक खोदा कम से कम 3 सेमी बजरी क एक परत बनाएं (अस 3/6 ममी)।



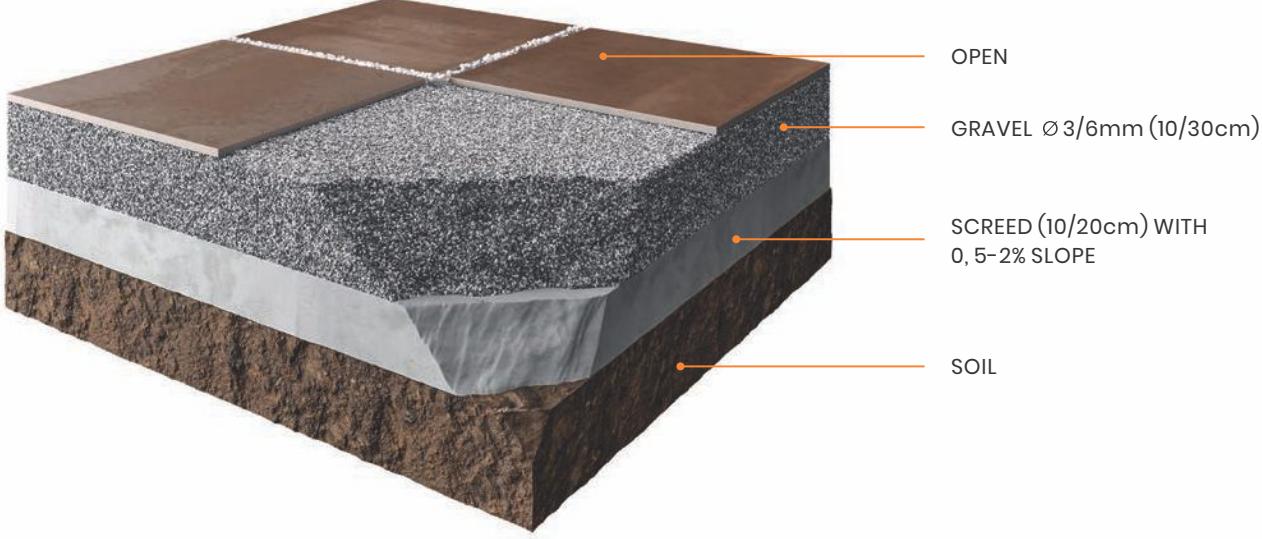
After checking that the substrate created is level, put the slabs in place and tap down gently with a rubber hammer to settle them into place and eliminate any unevenness.

बनाया गया से टर होने के बाद स्लैब रख और एक रबर हथौड़े के साथ उ छंगह म वत करने के लए धीरे से नीचे टैप कराओर कसी भी तरह क असमानता को दूर करा।

# LAYING ON SCREED



## SUGGESTED PROCESS



Stone COLLECTION

## INSTALLATION SYSTEMS



Create a layer of at least 5 cm of gravel (diam. 3/6 mm) on the existing substrate. Level the surface with a straightedge and check the flatness.

कम से कम 5 सेमी बजरी के परत (डायम 3/6 ममी) मौजूदा से ट पर बनाये। सतह को छैट एज के साथ लेवल करे और उसक समतलता के जाँच कर।



Place the slabs dry on the gravel and check that the gap between them is the same over the entire laying surface. Tap down gently with a rubber hammer to settle them into place and eliminate any unevenness.

ट्लैब को बजरी पर सुखा बछाए और जाँच के उनके बीच का अंतर पूरी बछाने के सतह पर समान है। उसके बाद बछाने के लिए रबर के हथौड़े से धीरे से नीचे के ओर टैप कर और कसी भी असमानता को दूर कर।



Check the flatness of the surface created. Add gravel in the joints to level the paving. Decorative gravel larger in diameter than the type used for the substrate can also be used in the joints.

बनाई गई सतह के समतलता के जाँच करना फ़र्श को समतल करने के लिए जोड़ में बजरी डालना से ट के लिए उपयोग कर जाने वाले काट के तुलना मास में बड़े सजावटी बजरी का उपयोग जोड़ में भी किया जा सकता है।

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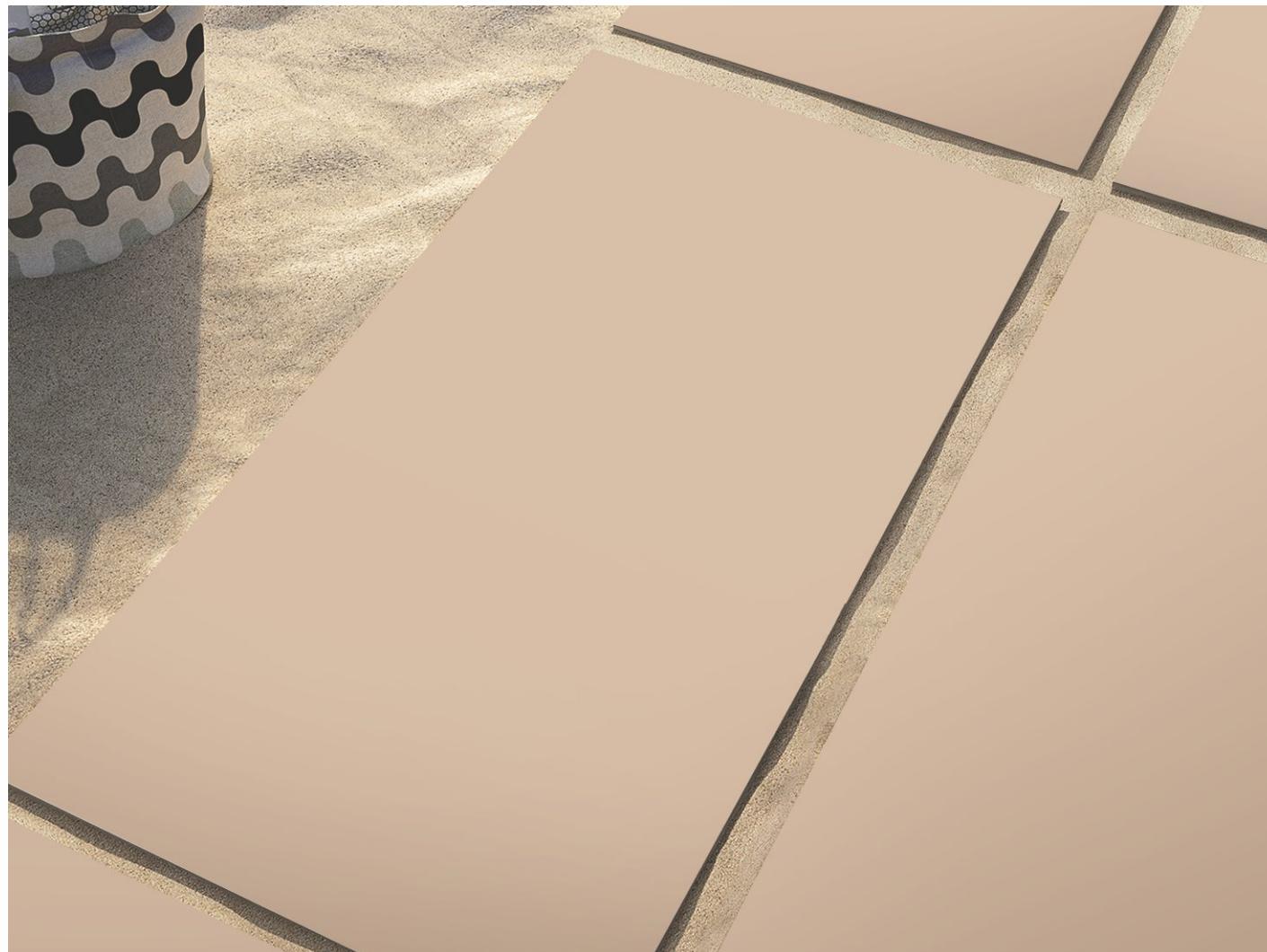
BASIC

PLUS

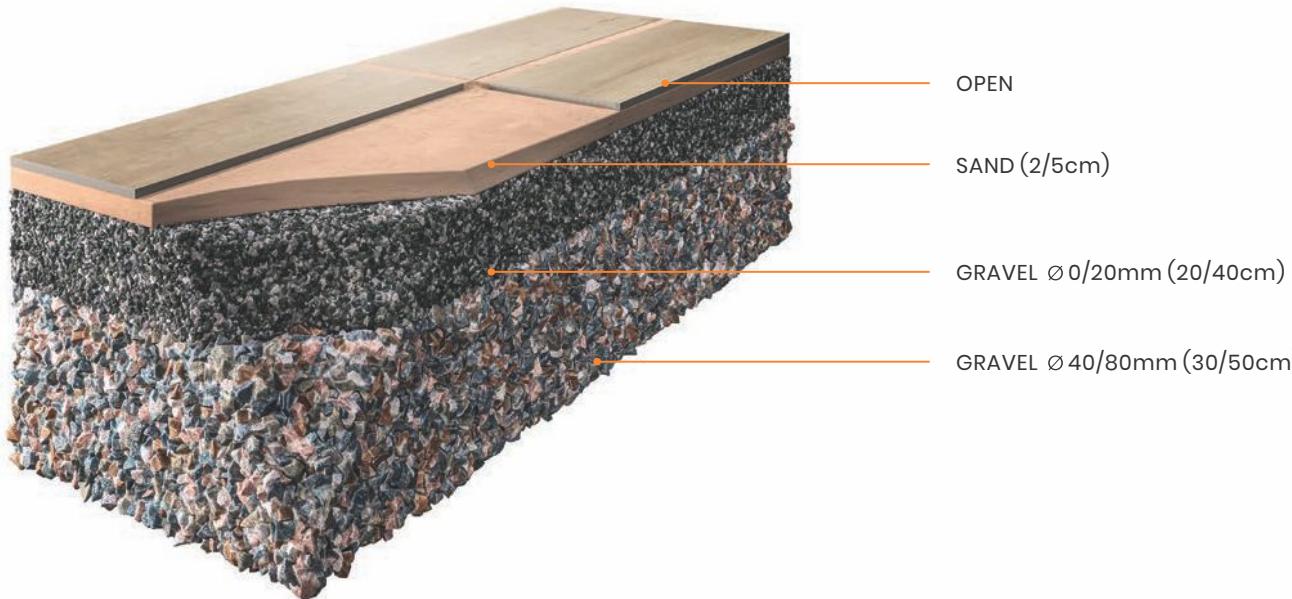
SUPER PLUS

TECH. DATA

# LAYING ON SAND



## SUGGESTED PROCESS



Prepare a layer of sand at least 5 cm thick on the existing substrate (screed or gravel). Level the surface with a straightedge and check the flatness.

कम से कम 5 सेमी मोटी रेत क परत मौजूदा से (डिंपल या बजटी) पर तैयार कराए सतह को छेट एज के साथ लेवल करें और उसके समतलता के जाँच करें।



Place the slabs dry on the sand and check that the gap between them is the same over the entire laying surface. Tap down gently with a rubber hammer to settle them into place.

टलैब को रेत पर सुखा बछाए और जाँच के उनके बीच का अंतर पूरी बछाने क सतह पर समान है। उस छंगह में बछाने के लिए रबर के हथौड़े से धीरे से नीचे के ओर टैप कराओ और कसी भी असमानता को दूर करें।



Add sand in the joints to level the paving. Clean the surface of the slabs.

फ़र्श को समतल करने के लिए जोड़ में रेत डालें टलैब की सतह को साफ करें।

## TECHNICAL SPECIFICATION

TECHNICAL DETAILS	STANDARD AS PER ISO-13006/EN176 GROUP B1a	MEAN VALUE OF Our FULL BODY VITRIFIED TILES	METHOD OF TEST
<b>Deviation In Length &amp; Width</b>	± 0.60%	± 0.10%	ISO-10545-2
<b>Deviation In Thickness</b>	± 5.00%	± 2.00%	ISO-10545-2
<b>Straightness Of Sides</b>	± 0.50%	± 0.10%	ISO-10545-2
<b>Rectangularity</b>	± 0.60%	± 0.10%	ISO-10545-2
<b>Surface Flatness</b>	± 0.50%	± 0.10%	ISO-10545-2
<b>Glossiness</b>	Gloss Meter	Min. 90%	Glossometer
<b>Water Absorption</b>	≤ 0.50%	E ≤ 0.05%	ISO-10545-3
<b>Breaking Strength</b>	1300 N	2000 N	ISO-10545-4
<b>Abrasion Resistance</b>	Max. 175mm	Max. 145mm <sup>3</sup>	ISO-10545-6
<b>Moh's Hardness</b>	Min. 6	≤ 6*	EN101
<b>Frost Resistance</b>	Frost Proof	Frost Proof	ISO-10545-12
<b>Thermal Shock</b>	No Damage	No Damage	ISO-10545-9
<b>Moisture Expansion</b>	Nil	Nil	ISO-10545-10
<b>Thermal Expansion</b>	< 9 x 10 <sup>-6</sup>	< 6 x 10 <sup>-6</sup>	ISO-10545-8
<b>Resistance of House Hold Chemical</b>	No Damage	No Damage*	ISO-10545-13
<b>Stain Resistance</b>	Resistance	Resistance*	ISO-10545-14
<b>Slip Resistance (Friction Co Efficient)</b>	> 0.40	> 0.40	ISO-10545-17

## PACKING DETAILS

Collection	Size	Pieces / Box	Weight / box (approx)	Coverage Area / Box
Stone	600x1200mm	2 Pieces	29.00kg	15.5 ft <sup>2</sup> or 1.44 mtr <sup>2</sup>
	600x600mm	4 Pieces	28.00kg	15.5 ft <sup>2</sup> or 1.44 mtr <sup>2</sup>

## Disclaimer

Our reserves the right to delete & amend either totally or partially, any of the colours, shapes, sizes, references and other technical specifications contained in this catalogue at anytime. The colours of tiles shown in this catalogue are purely illustrative to printing process. Please refer actual sample before final selection. The details of sizes, colours and references should be verified for typographical errors.

## CLEANING & MAINTENANCE

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

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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.

