

ORELIA
GROUP



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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, exploring 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

Casastone 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.

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

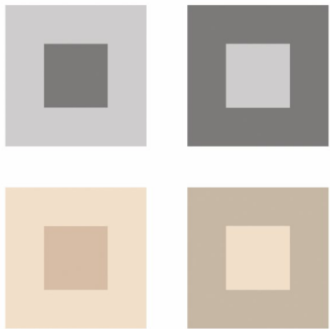
*Minimal
But complex
Classical but
contemporary*



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.

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



Argillia	Soil
Cremoso	Grigio
Gesso	Kota
Metallo	Sabbia
Grano	Coal
Mustard	Grigio
Terracotta	Metallo
Kota	Cremoso

Metallo	Argillia	Soil
Gesso	Mustard	Coal
Cremoso	Sabbia	Grigio
Grano	Argillia	Terracotta
Kota	Cremoso	Grano
Gesso	Sabbia	Coal
Mustard	Grigio	Soil
Grano	Kota	Sabbia

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Solid



**Safe,
Clean,
fireproof**



**Highly
sustainable**

FULLBODY

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

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

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.





HYBRID+
TECHNOLOGY

**FULL BODY
SKID RESISTANT
GERM FREE**



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 microabial 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 extended 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.

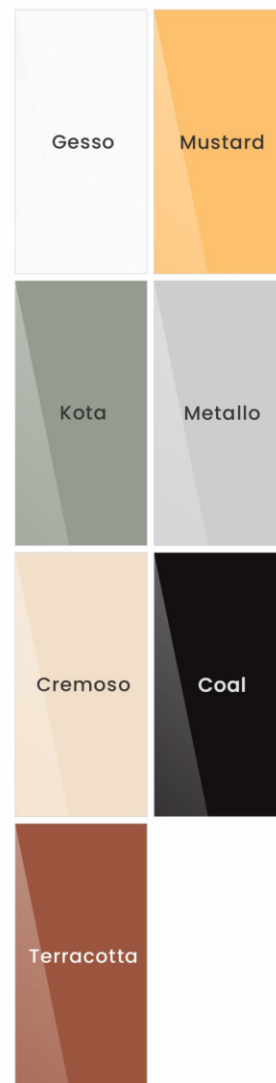
600x1200mm



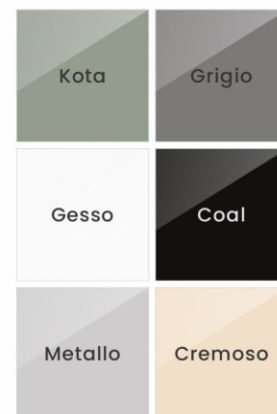
600x600mm



600x1200mm



600x600mm



Style Index and Category

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.

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
- Terracotta

Super Plus

- Coal
- Gesso
- Mustard

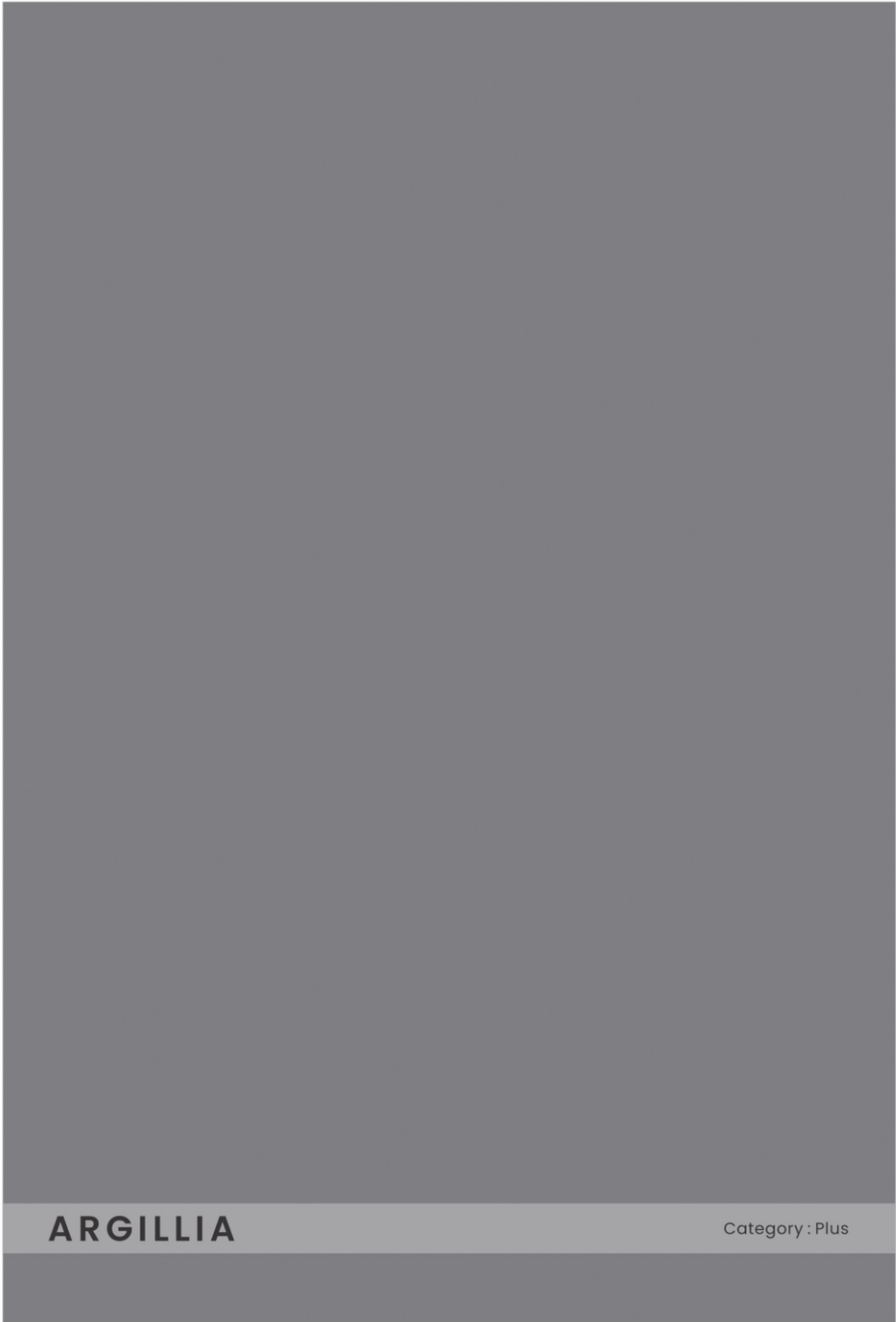




ARGILLIA

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

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GROUP



ARGILLIA

Category : Plus

600x1200mm



Surface : Premium Matt

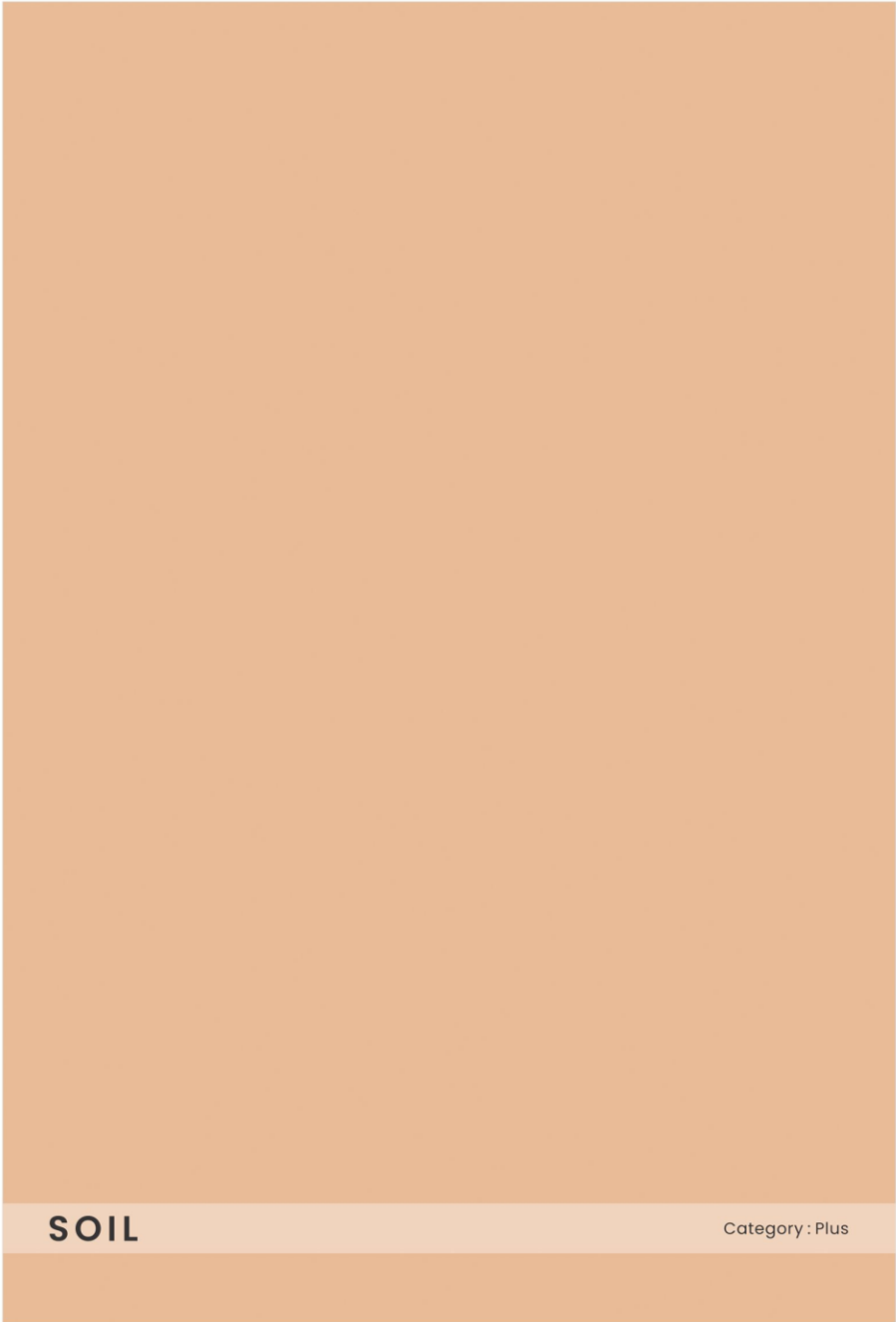
ORELIA
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SOIL

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

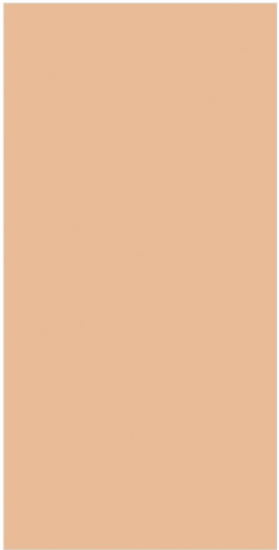
ORELIA
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SOIL

Category : Plus

600x1200mm



Surface : Premium Matt



GESO

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

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



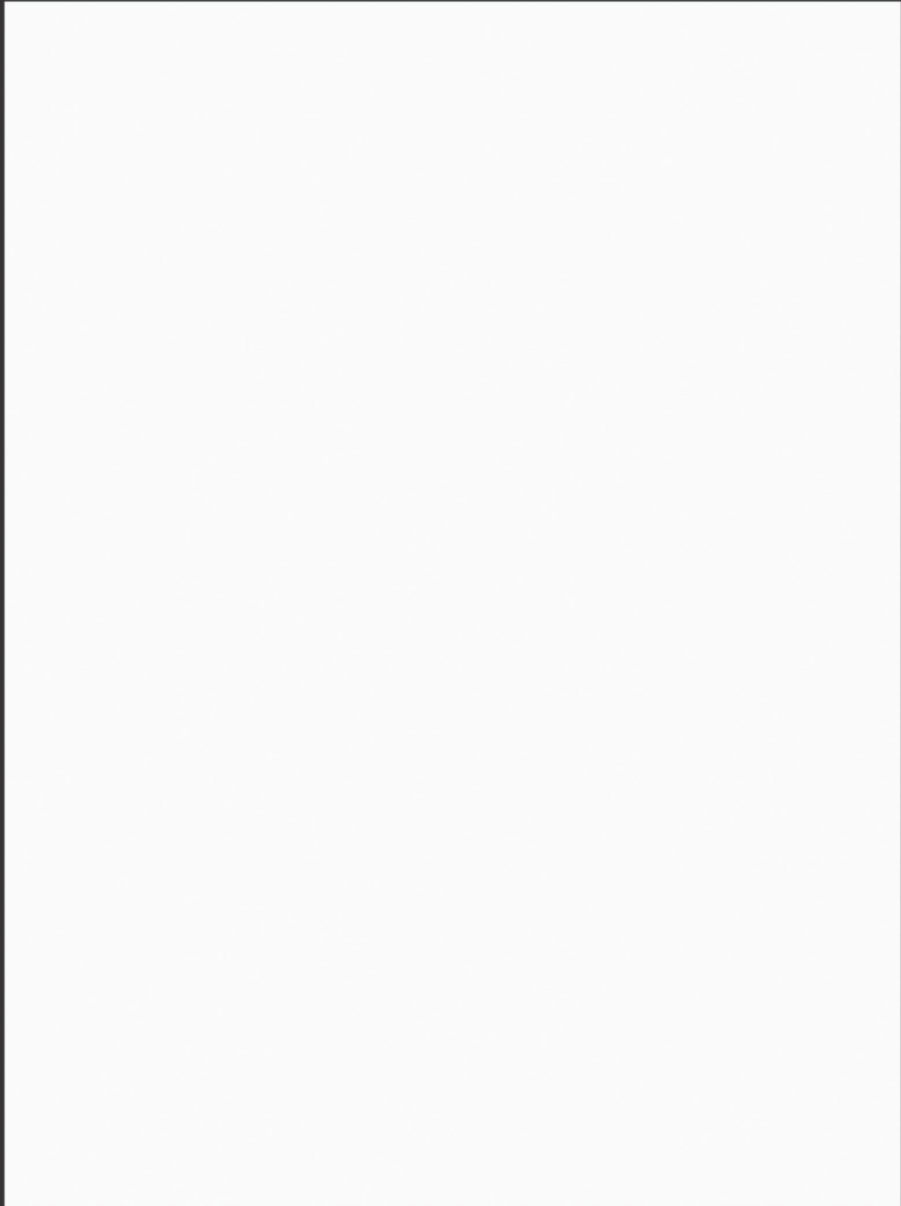
SIZE : 600x600mm | SURFACE : SMOOTH POLISHED | CATEGORY : SUPER PLUS

GEDO

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

ORELIA
GROUP





GESSO

Category : Super Plus

600x1200mm

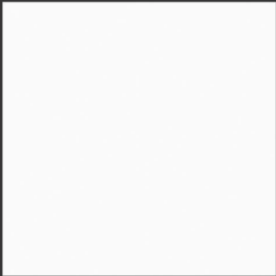


Surface : Premium Matt



Surface : Smooth Polished

600x600mm



Surface : Premium Matt



Surface : Smooth Polished

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MUSTARD

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

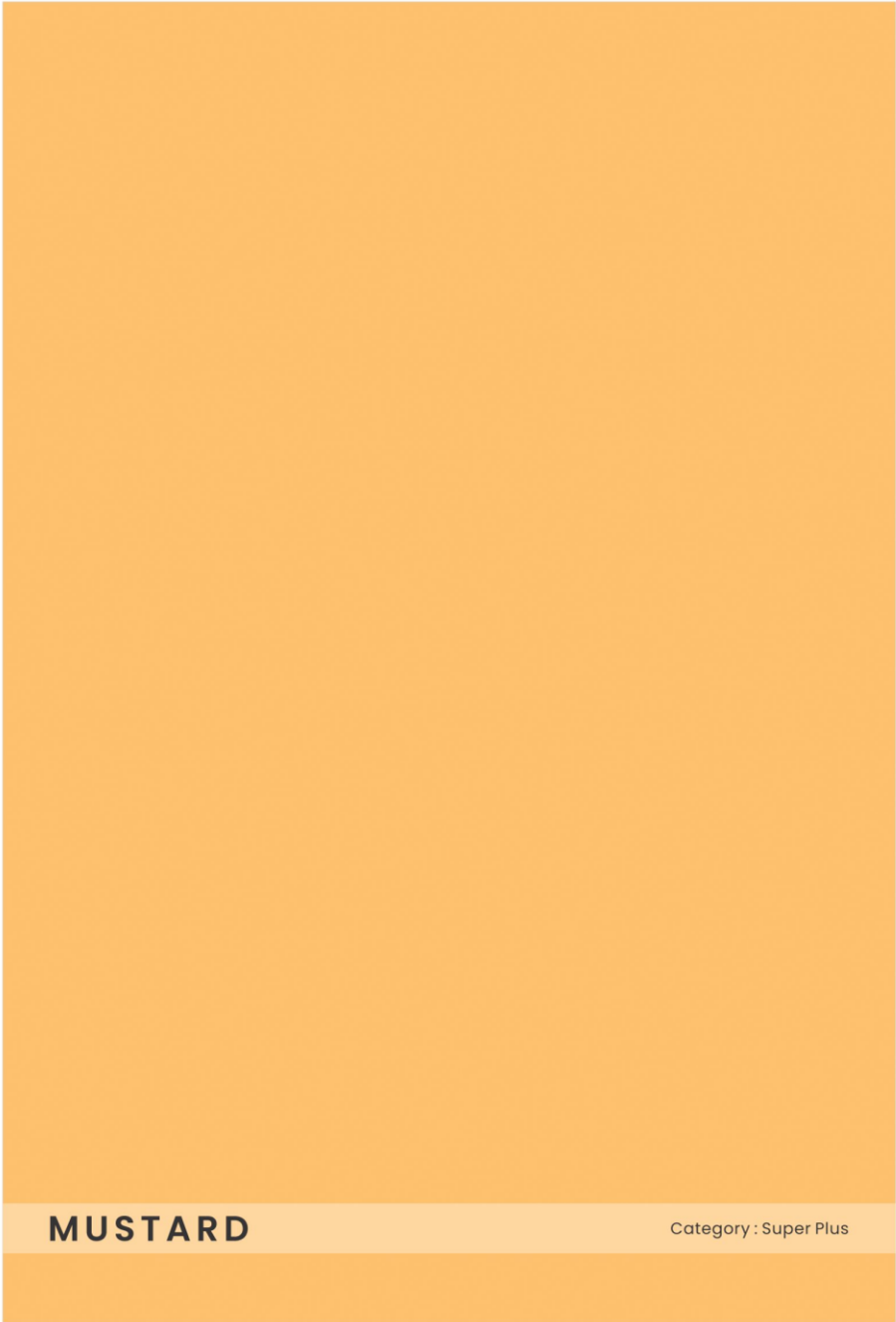
ORELIA
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MUSTARD

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

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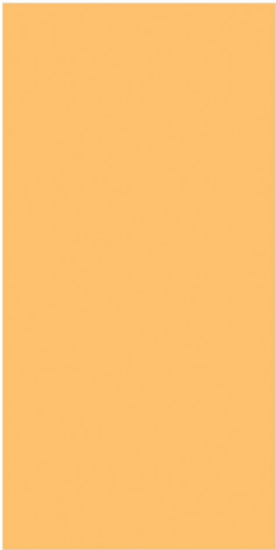




MUSTARD

Category : Super Plus

600x1200mm



Surface : Premium Matt



Surface : Smooth Polished



KOTA

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

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



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

KOTA

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

ORELIA
GROUP

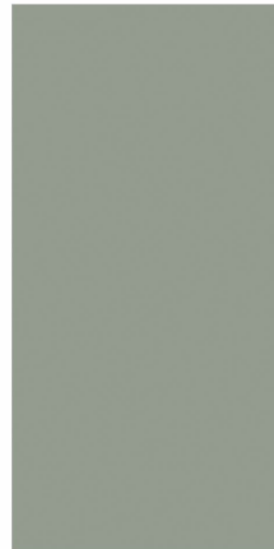




KOTA

Category : Basic

600x1200mm



Surface : Premium Matt



Surface : Smooth Polished

600x600mm



Surface : Premium Matt



Surface : Smooth Polished

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GRIGIO

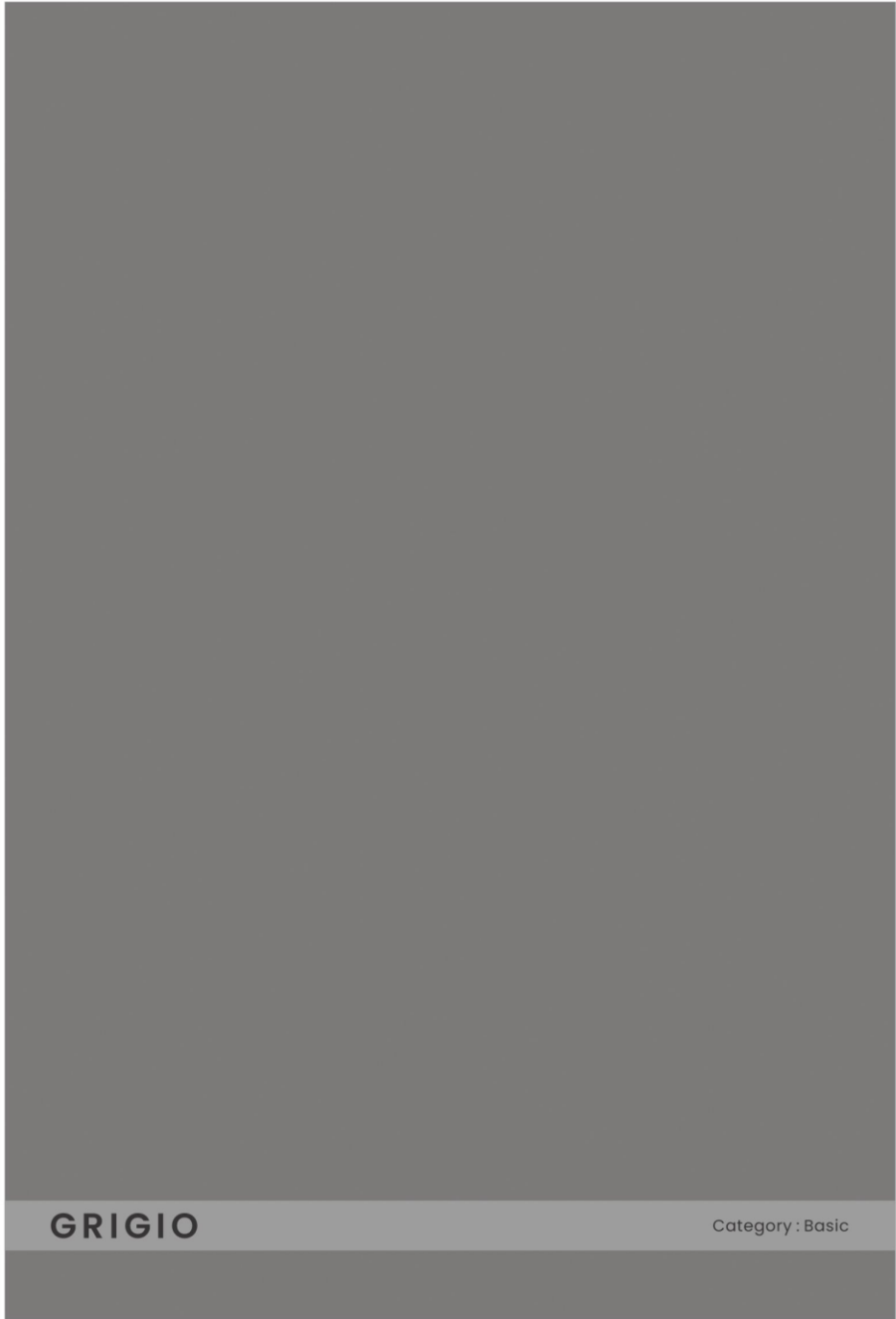
SIZE : 600x1200mm | SURFACE : PREMIUM MATT | CATEGORY : BASIC

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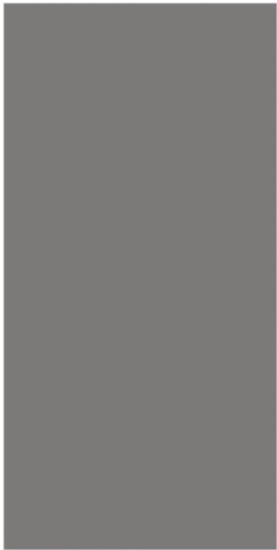
SIZE : 600x600mm | SURFACE : SMOOTH POLISHED | CATEGORY : BASIC



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



600x1200mm



Surface : Premium Matt

600x600mm



Surface : Premium Matt



Surface : Smooth Polished

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METALLO

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

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GROUP

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



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

METALLO

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

ORELIA
GROUP

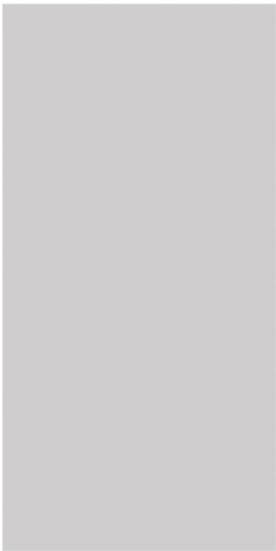




METALLO

Category : Basic

600x1200mm

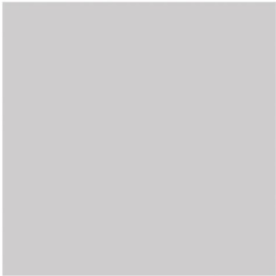


Surface : Premium Matt



Surface : Smooth Polished

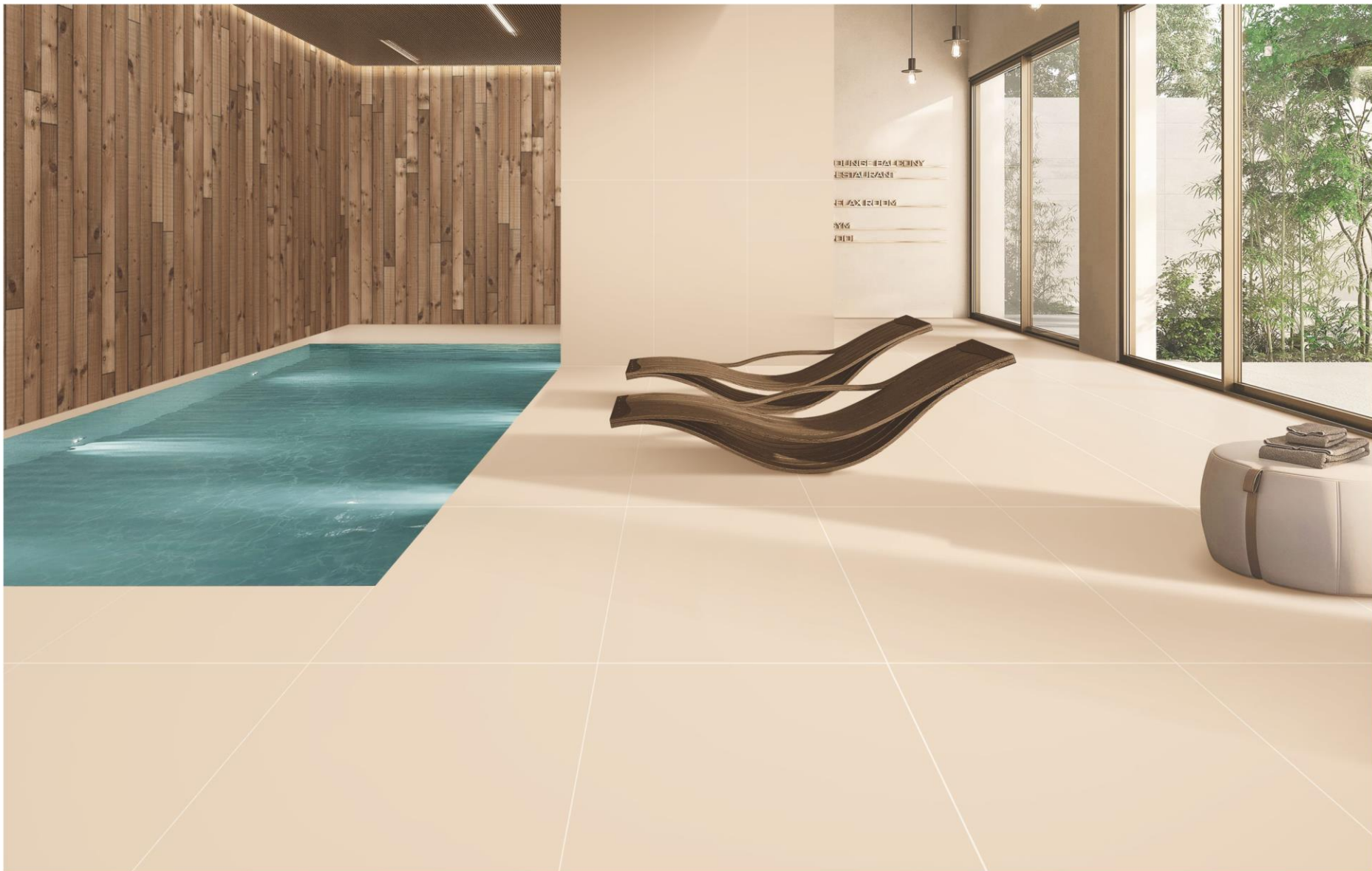
600x600mm



Surface : Premium Matt



Surface : Smooth Polished



CREMOSO

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

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GROUP

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



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

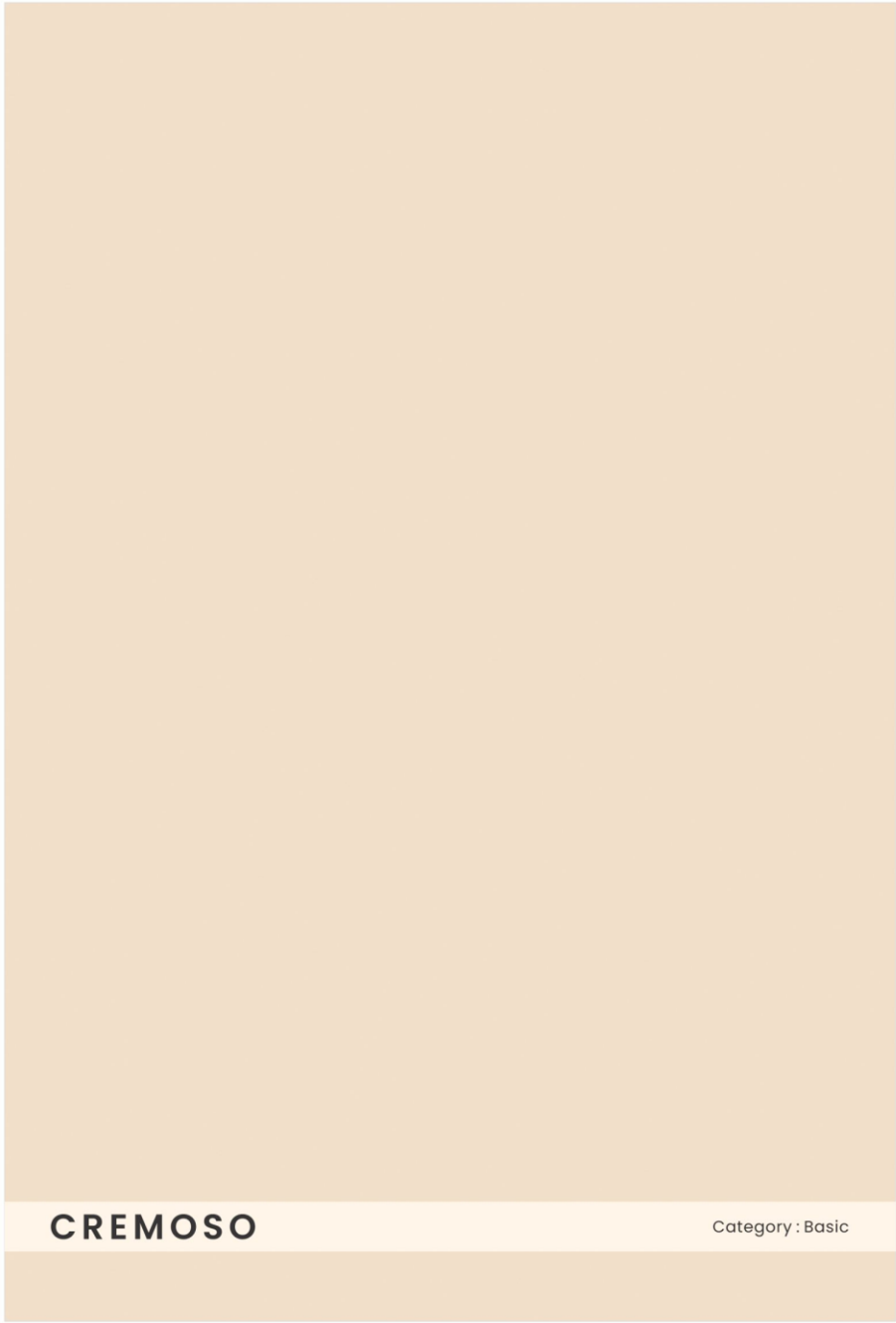
CREMOSO

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

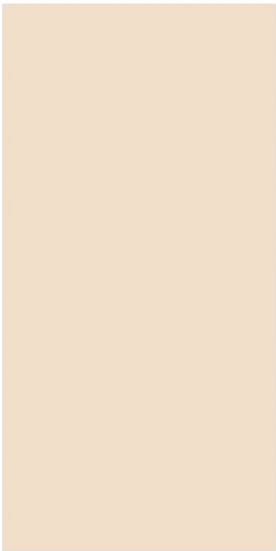
ORELIA
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DABBS



600x1200mm

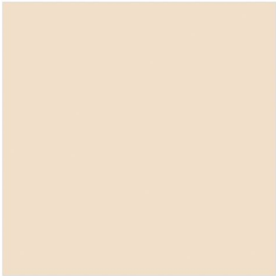


Surface : Premium Matt



Surface : Smooth Polished

600x600mm



Surface : Premium Matt



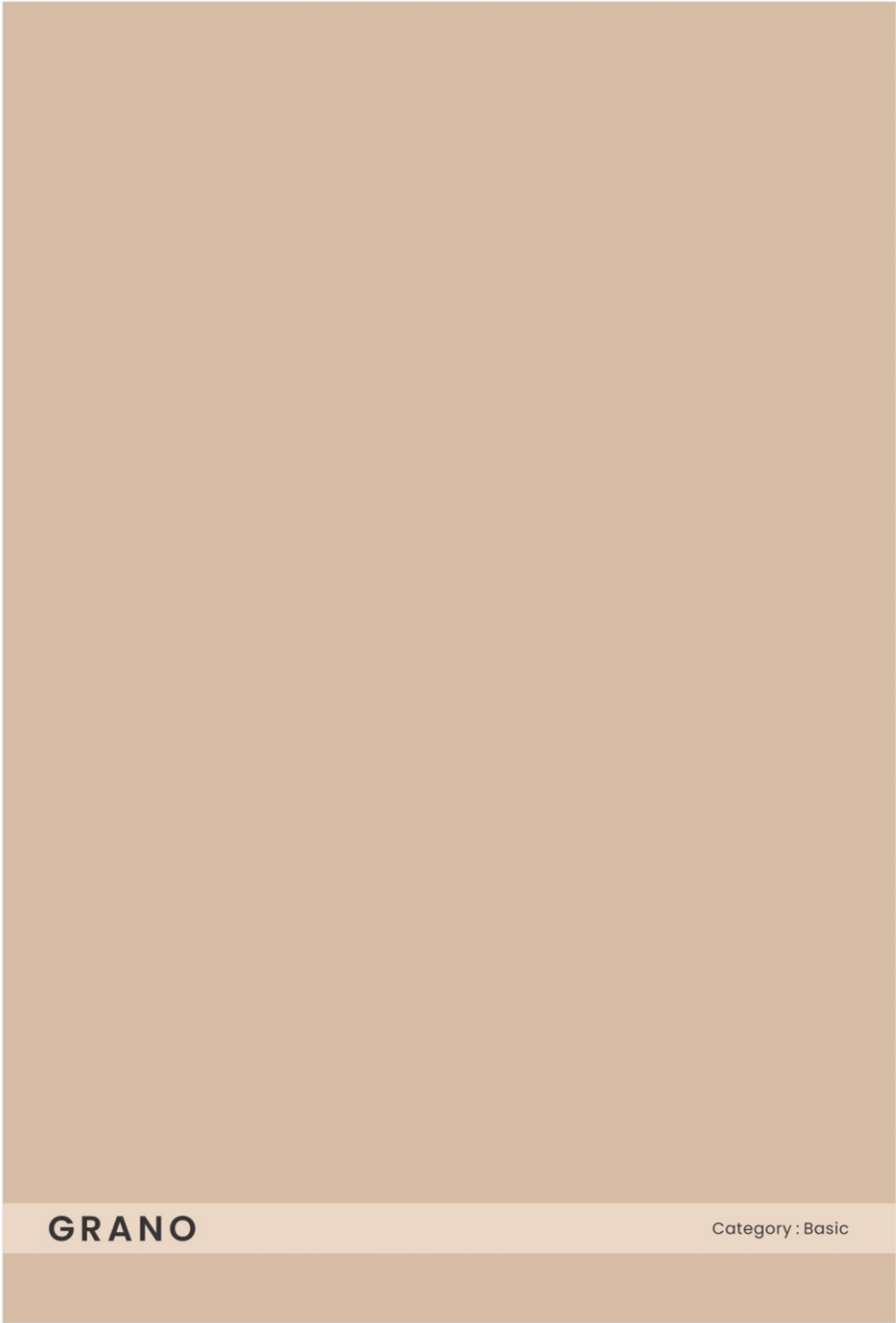
Surface : Smooth Polished



GRANO

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

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GRANO

Category : Basic

600x1200mm



Surface : Premium Matt

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SABBIA

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

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SABBIA

Category : Basic

600x1200mm



Surface : Premium Matt

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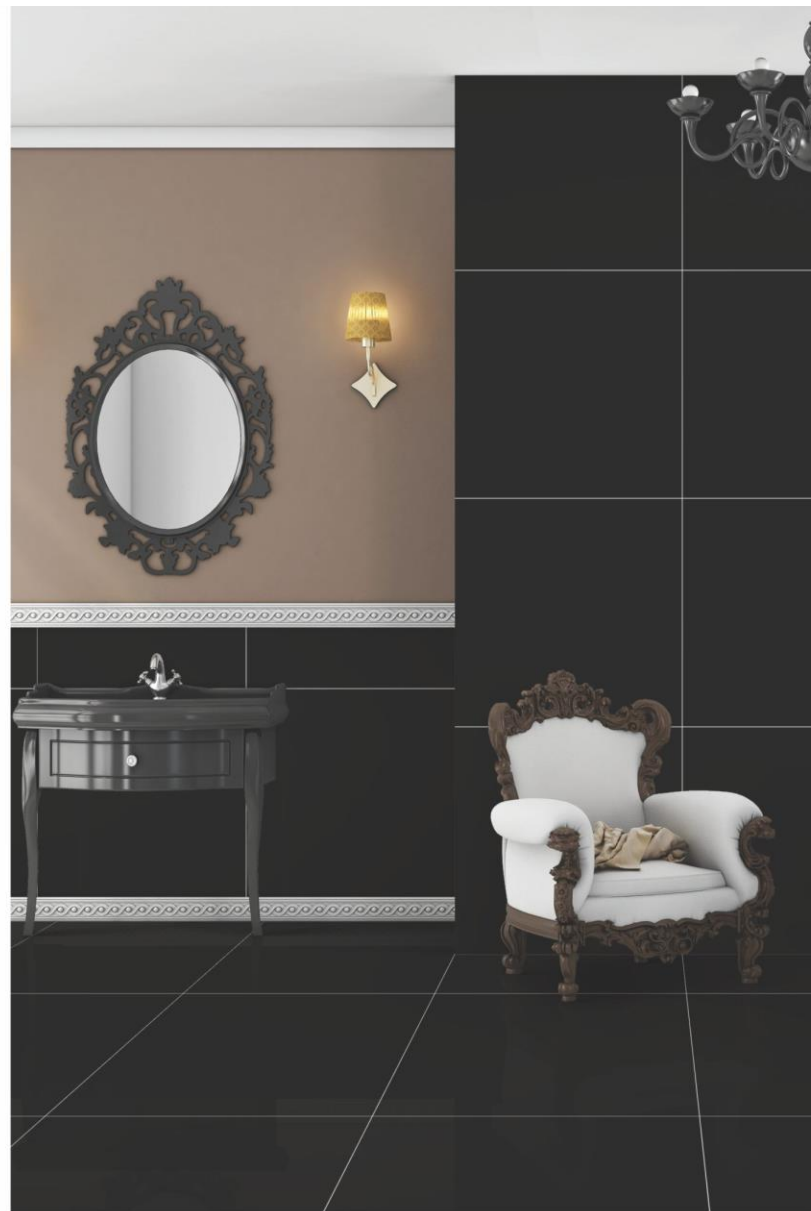


COAL

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

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GROUP

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



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

COAL

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

ORELIA
GROUP





600x1200mm



Surface : Premium Matt



Surface : Smooth Polished

600x600mm



Surface : Premium Matt



Surface : Smooth Polished



TERRACOTTA

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

ORELIA
GROUP

TERRACOTTA

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

ORELIA
GROUP

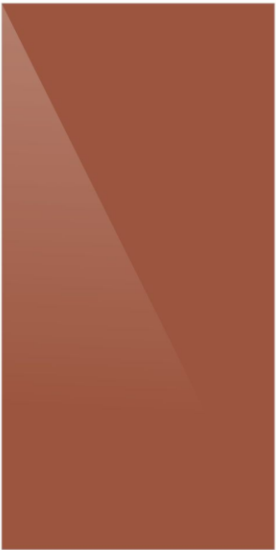




600x1200mm



Surface : Premium Matt



Surface : Smooth Polished

12 COLOURS

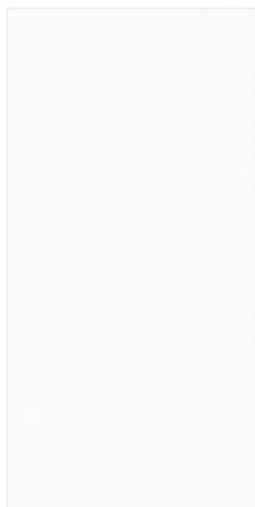
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Argillia



Soil



Gesso



Metallo



Cremoso



Grano



Mustard



Kota



Grigio



Sabbia



Coal



Terracotta

HOUSE OF **FULL BODY** VITRIFIED TILES.

Color Range	Design Name	Type	Category	600x1200mm		600x600mm	
				Matt	Polished	Matt	Polished
	Metallo	Solid Color	Basic	✓	✓	✓	✓
	Grigio	Solid Color	Basic	✓		✓	✓
	Grano	Solid Color	Basic	✓			
	Cremoso	Solid Color	Basic	✓	✓	✓	✓
	Sabbia	Solid Color	Basic	✓			
	Kota	Solid Color	Basic	✓	✓	✓	✓
	Argilla	Solid Color	Plus	✓			
	Soil	Solid Color	Plus	✓			
	Terracotta	Solid Color	Plus	✓	✓		
	Coal	Solid Color	Super Plus	✓	✓	✓	✓
	Gesso	Solid Color	Super Plus	✓	✓	✓	✓
	Mustard	Solid Color	Super Plus	✓	✓		





Installation System

Certification

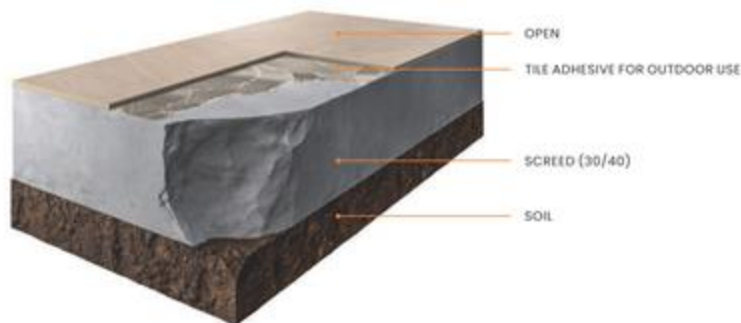
Technical Specification

Tile Cleaning

LAYING ON SCREED



SUGGESTED PROCESS



INSTALLATION SYSTEMS



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



नौजूदा सतह को साफ करें और जांच लें कि स्क्रिड सही से तैयार किया गया है: सपाद, सूखा और ठीक हो। सतह पे एडहेसिव को समान रूप 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.



टिलेव को जगह में रखें और धीरे से एक रबर के हथौड़े से नीचे टैप करें और हवा को बाहर निकाल सही बॉन्डिंग सुनिश्चित करें। जोड़ों में 4 या 5 मिमी स्पेसर फिट करें।



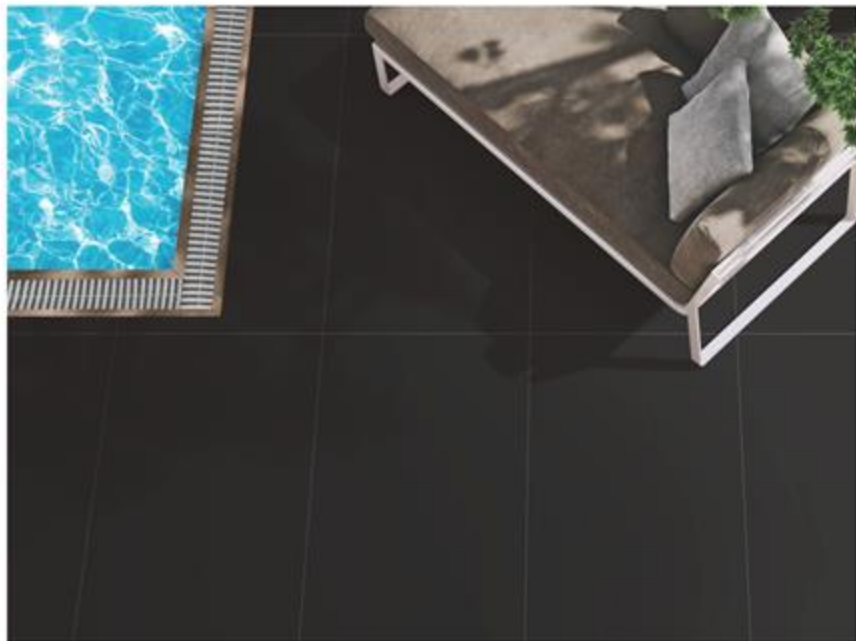
Once the glue has dried, remove the spacers, grout the joints and clean thoroughly to remove any residues.



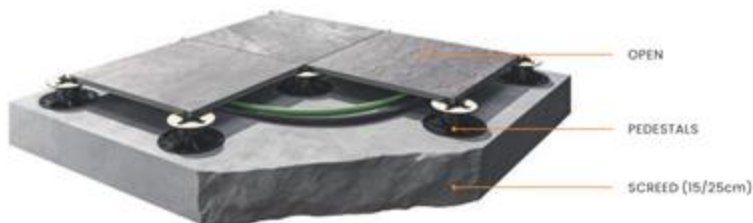
गोंद सूख जाने के बाद, स्पेसर को हटा दें, जोड़ों को ग्राउट करें और उसके कोई अवशेष हटाने के लिए अच्छी तरह से सतह साफ करें।



LAYING ON SCREED



SUGGESTED PROCESS



INSTALLATION SYSTEMS



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.



नौजूदा सतह को साफ करें और जांच लें कि स्क्रिड सही प्रकार के पेडस्टल को चुनने के लिए ठीक पट है। स्क्रिड को सूखा और ठीक किया जाना चाहिए। चुने हुए पेडस्टल को तैयार करें। उन्हें आकार देने के लिए किनारे के चारों ओर काटकर तैयार करें और किसी अवांछित विंग्स को भी हटा दें।



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.

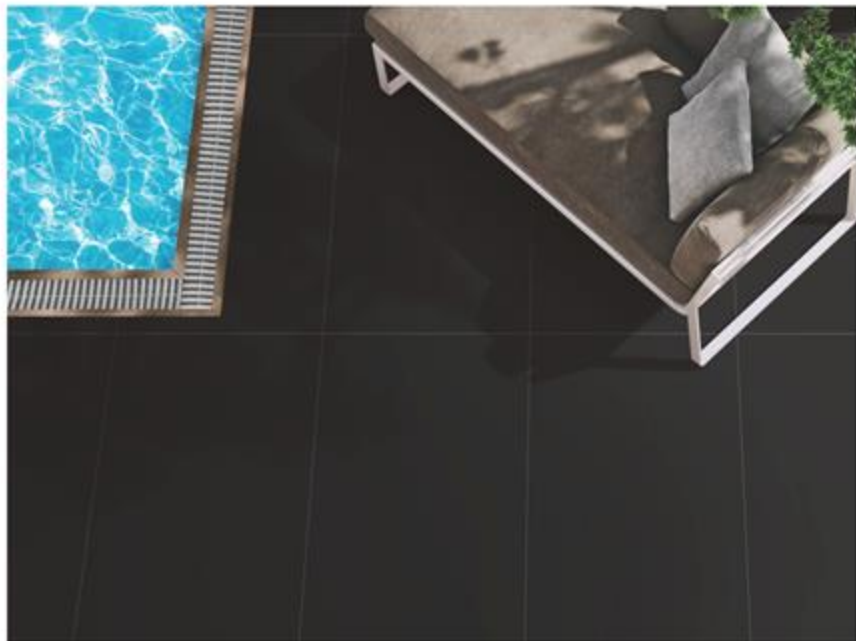
पेडस्टल के ग्रिड को आरेख के अनुसार व्यवस्थित बिछाएं, किनारे के आसपास से शुरू करें। दीवार की तरफ के पेडस्टल पर प्रोटेक्टिव टाइल एज क्लिप्स फिट करें।



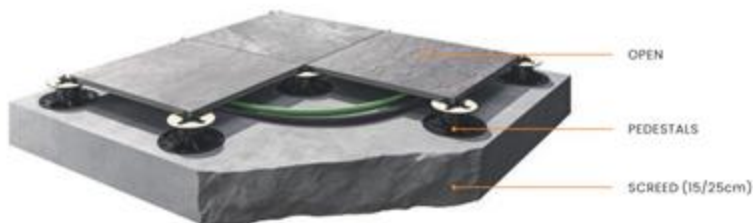
Lay the tiles on the pedestals dry. Add a pedestal in the middle of the tiles, removing the spacer wings. Systematically check the flatness and adjust the heights of the pedestals with the adjuster key to compensate for any unevenness in the substrate. A little slope of the substrate is always recommended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

पेडस्टल पर टाइल को सूखा बिछाएं। टाइल के बीच में एक पेडस्टल जोड़ें, स्पेसर विंग को हटाएं। व्यवस्थित रूप से किस्ती में असमानता की भरपाई के लिए एडजस्टर की को इस्तेमाल कर के व्यवस्थित रूप से पेडस्टल की ऊंचाई और समतलता की जांच करें। पानी का ठहराव टोकने के लिए सतह के नीचे व्यवस्थित का थोड़ा ढलान हमेशा अनुशंसित है।

LAYING ON SCREED



SUGGESTED PROCESS



INSTALLATION SYSTEMS



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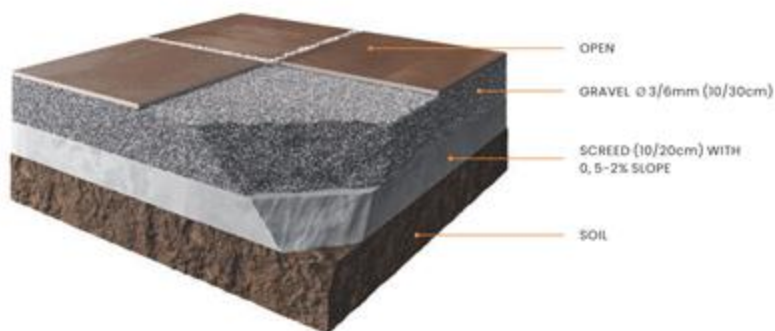
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LAYING ON SCREED



SUGGESTED PROCESS



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 की परत (हायम 3/6 मिमी) मौजूदा सबस्ट्रेट पर बनाये। सतह को स्ट्रेट एज के साथ लेवल करें और उसकी समतलता की जाँच करें।



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.

स्लेब को बजरी पर सूखा बिछाए और जाँचें कि उनके बीच का अंतर पूरी बिछाने की सतह पर समान है। उन्हें जगह में बिछाने के लिए रबर के हथोड़े से धीरे से नीचे की ओर टैप करें और किसी भी असमानता को दूर करें।



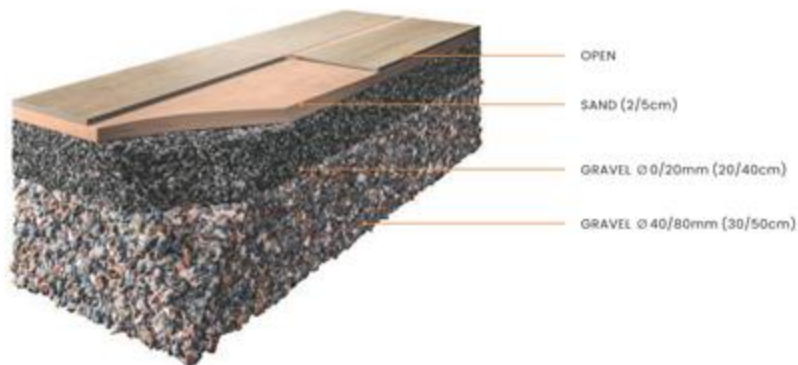
Check the flatness of the surface created. Add gravel in the joints to level the paving. Decorative gravel larger in diameter than the type used for the substrate can also be used in the joints.

बनाई गई सतह की समतलता की जाँच करें। फर्श को समतल करने के लिए जोड़ों में बजरी डालें। सबस्ट्रेट के लिए उपयोग किए जाने वाले प्रकार की तुलना में ब्यास में बड़े सजावटी बजरी का उपयोग जोड़ों में भी किया जा सकता है।

LAYING ON SCREED



SUGGESTED PROCESS



INSTALLATION SYSTEMS



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 की परत मौजूदा सबस्ट्रेट (स्क्रिड या बजरी) पर तैयार करें। सतह को स्ट्रेट एज के साथ लेवल करें और उसकी समतलता की 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.



स्लेब को रेत पर सूखा बिछाए और जाँचें कि उनके बीच का अंतर पूरी बिछाने की सतह पर समान है। उन्हें जगह में बिछाने के लिए रबर के हथोड़े से धीरे से नीचे की ओर टैप करें और किसी भी असमानता को दूर करें।



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



फर्श को समतल करने के लिए जोड़ों में रेत डालें। स्लेब की सतह को साफ करें।

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. CASA TILES 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 CASA TILES. 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

CASA TILES 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.

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.

TECHNICAL SPECIFICATION

TECHNICAL DETAILS	STANDARD AS PER ISO-13006/EN176 GROUP Bia	MEAN VALUE OF CASA FULL BODY VITRIFIED TILES	METHOD OF TEST
Deviation In Length & Width	± 0.60%	± 0.10%	ISO-10545-2
Deviation In Thickness	± 5.00%	± 2.00%	ISO-10545-2
Straightness Of Sides	± 0.50%	± 0.10%	ISO-10545-2
Rectangularity	± 0.60%	± 0.10%	ISO-10545-2
Surface Flatness	± 0.50%	± 0.10%	ISO-10545-2
Glossiness	Gloss Meter	Min. 90%	Glossometer
Water Absorption	≤ 0.50%	E ≤ 0.05%	ISO-10545-3
Breaking Strength	1300 N	2000 N	ISO-10545-4
Abrasion Resistance	Max. 175mm	Max. 145mm3	ISO-10545-6
Moh's Hardness	Min. 6	≤ 6*	EN101
Frost Resistance	Frost Proof	Frost Proof	ISO-10545-12
Thermal Shock	No Damage	No Damage	ISO-10545-9
Moisture Expansion	Nil	Nil	ISO-10545-10
Thermal Expansion	< 9 x 10 ⁻⁶	< 6 x 10 ⁻⁶	ISO-10545-8
Resistance of House Hold Chemical	No Damage	No Damage*	ISO-10545-13
Stain Resistance	Resistance	Resistance*	ISO-10545-14
Slip Resistance (Friction Co Efficient)	> 0.40	> 0.40	ISO-10545-17

PACKING DETAILS

Collection	Size	Pieces / Box	Whight / box (approx)	Coverage Area / Box
Casastone	600x1200mm	2 Pieces	29.00kg	15.5 ft² or 1.44 mtr²
	600x600mm	4 Pieces	28.00kg	15.5 ft² or 1.44 mtr²

CLEANING & MAINTENANCE

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



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