

Laplitec®
Prestigious Italian Surface

**Innovation
& Design**
without boundaries

The perfect example of Italian style.

Lapitec® is an innovative “full bodied” sintered stone. Available in large format slabs, it unites aesthetic design appeal and the superior mechanical and physical properties of porcelain with the elegance, workability, colours and typical finishes of natural stone.

Lapitec® is the ideal solution for architecture and design. It's Italian heritage portrays powerful contemporary design as well as a more classic appeal, overcoming structural and stylistic constraints and meeting the aesthetic sensitivity of designers.





interior

“FULL BODIED” EXCELLENCE

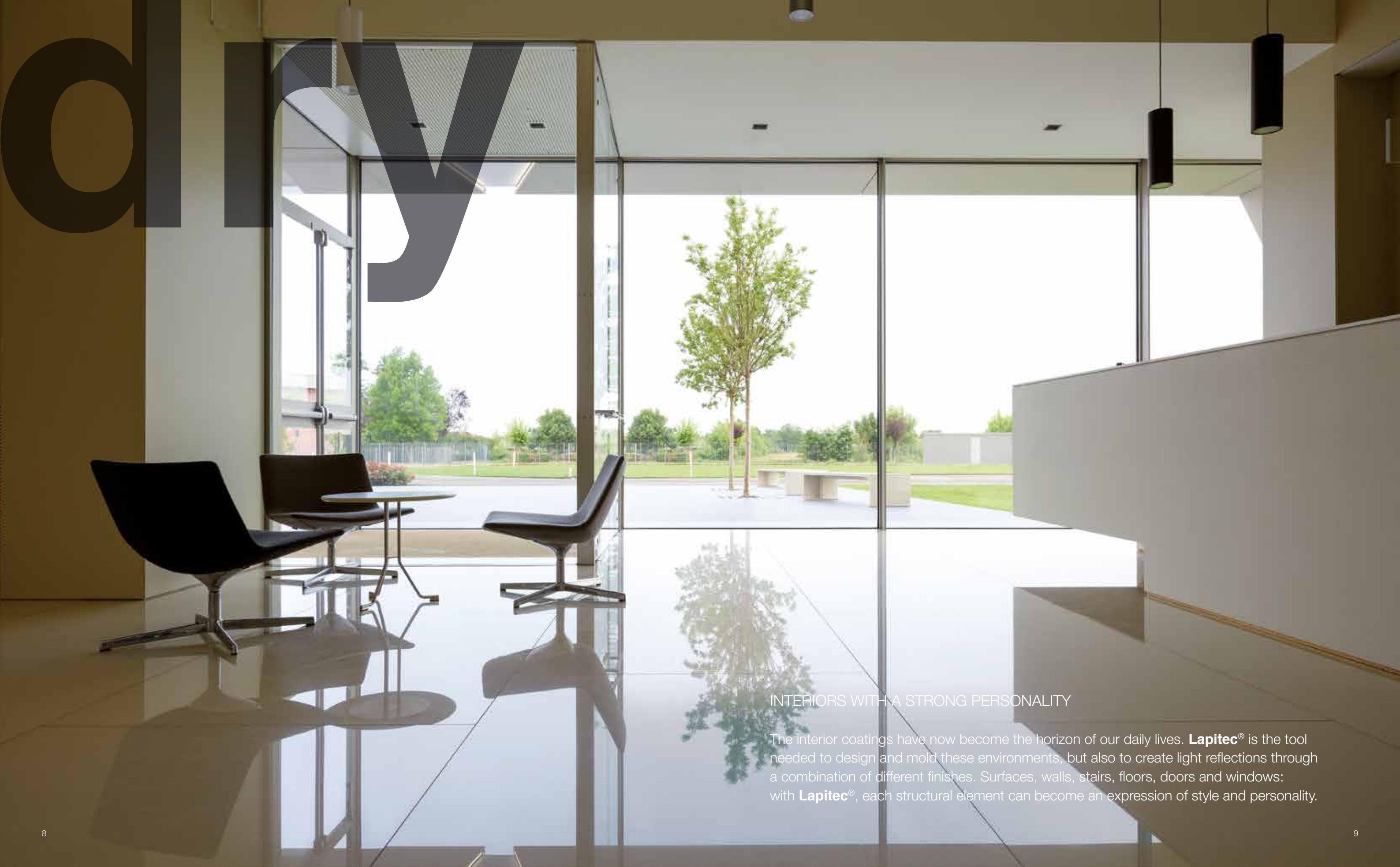
The material's technical properties and its inherent ability to be easily worked make **Lapitec**® the ideal solution for kitchen worktops, wall cladding, flooring, stairs and fireplaces. By combining the full potential of porcelain material with the colours and finishes typical of natural stone, **Lapitec**® is capable of standing out in its environment as well as providing a harmony with natural surroundings.



exterior

THE PRODUCT ARCHITECTURE HAS BEEN WAITING FOR

Eternal and insensitive to weather and atmospheric conditions, **Lapitec®** effectively combines physical and mechanical strength with unequalled aesthetic excellence. These characteristics alongside its lightness and strength, allow the material to be used for external cladding and in both ventilated and continuous façades.



div

INTERIORS WITH A STRONG PERSONALITY

The interior coatings have now become the horizon of our daily lives. **Lapitec®** is the tool needed to design and mold these environments, but also to create light reflections through a combination of different finishes. Surfaces, walls, stairs, floors, doors and windows: with **Lapitec®**, each structural element can become an expression of style and personality.

wet

WATERSIDE EMOTIONS

Stone and water: two primary elements that perfectly coexist with each other thanks to **Lapitec®**. The material is absolutely suitable for all surfaces that can embellish pools, yachts, spas, saunas and Turkish baths. The slabs are in fact immune to steam, salts and other agents, while the textured structure ensures the right degree of roughness for elegant, exclusive and safe finishes.

1. It is XXL

Lapitec® is produced in slabs measuring 3365x1500 mm and with calibrated thicknesses of 12, 20 or 30 mm. With 5,05 m² per slab, **Lapitec®** is the biggest sintered stone available on the market.

2. It is versatile

Lapitec® provides the most suitable and diverse solutions for construction and furnishing, with the dimensions required by designers. Being a “full bodied” material it is easy to work and can be utilized in countless applications: from internal and external cladding to pavements, from kitchen tops to ventilated façades.

3. It is clean

Lapitec® is non porous and therefore resistant to staining, mould and bacteria. **Lapitec®**'s resistance to these factors means it is easily cleaned.

4. It is eternal

Lapitec® is a product that is long lasting and completely weather proof. Every slab is resistant to acids, alkalis, deep abrasions, fire, frost and is unaffected by UV rays. It is also resistant to graffiti.

5. It is natural

Lapitec® is produced with maximum respect for both people and the environment. It is completely inert, containing no resins or petroleum derivatives.

plus



INDOOR AND OUTDOOR
UV STABLE – NO FADING



HIGH RESISTANCE
AGAINST SCRATCHES



ACID AND ALKALI
RESISTANT



NON-POROUS
AND STAIN RESISTANT



ANTIBACTERIAL



HEAT-RESISTANT

BIO-CARE, CUTTING EDGE TECHNOLOGY FOR TIMELESS STYLE

The Bio-Care technology gives **Lapitec®** the ability to breakdown and to wash away the organic atmospheric particles which deposit on the surface with a bactericidal effect: this result is obtained by incorporating a special form of Titanium dioxide (TiO2) during the **Lapitec®** production. Titanium dioxide is a catalyst which degrades organic matter through oxidation thanks to the reaction to natural sunlight or artificial lighting (photocatalysis). Furthermore, it gives **Lapitec®** hydrophilic properties promoting a washing effect to remove the polluting particles from the surface. This important feature allows us to define the surfaces of the **Lapitec®** as “self-cleaning” and to consider it the perfect choice for locations where you have to guarantee a high standard of cleanliness and hygiene with anti-polluting and self-cleaning properties.

seven finishes for a countless amount of applications

Lapitec® is more than just a product, it's a material under continuous evolution: to provide new solutions, ideas and opportunities. From a technical perspective, research goes hand in hand with the creation of finishes for many

applications to make sure they can express the creativity of architects and designers. FOSSIL, ARENA, LITHOS, DUNE, VESUVIO, SATIN and LUX: evocative names for seven inspirational sources.

A close-up photograph of a dark, textured stone surface with a coarse, irregular grain. The lighting highlights the roughness of the material. The word "fossil" is overlaid in a large, light gray, sans-serif font.

fossil

FOSSIL FINISH: MATERIAL BEAUTY THAT DEFIES TIME

A coarser textured surface finish with a 'roughness' similar to the split face or flamed surface of natural of natural stone. "FOSSIL" is the ideal choice for both indoor and outdoor cladding and for anti-slip flooring requirements.

Friction coefficient: R13
Degree of glossiness: <5

A close-up photograph of a dark, textured stone surface with a regular, sand-like grain. The lighting is even, highlighting the fine texture. The word "arena" is overlaid in a large, light gray, sans-serif font.

arena

ARENA FINISH: SAND-LIKE CHARM AT CENTER STAGE

"ARENA" is a smooth and sand-like finish with a regular grain that confers a natural dynamism to the entire slab. This processing of sintered stone makes colors lighter, making the vivacity of colors stand out. "ARENA" expresses its utmost potential on outdoor applications.

Friction coefficient: R12
Degree of glossiness: <5

A close-up photograph of a dark, textured stone surface with a finely wrinkled, velvet-like texture. The lighting creates soft shadows, emphasizing the texture. The word "lithos" is overlaid in a large, light gray, sans-serif font.

lithos

LITHOS FINISH: VELVET AT YOUR FINGERTIPS

A finely wrinkled surface with soft and natural colors. Thanks to its subtle depressions, it always provides new perceptions to the touch. "LITHOS" is versatile, velvety and elegant: perfect for kitchen countertops and the external walkways of yachts and pools.

Friction coefficient: R10
Degree of glossiness: <5



dune

DUNE FINISH:
SOFT AND NATURAL
COLOR VIBRATIONS

“DUNE” recalls the sand of the desert, where the wind gently molds the landscape. It is soft to the touch and new color vibrations can be discovered with every ray of light. The optical effect is that of a naturally broken stone, very similar to slate: a modern and elegant solution for kitchen countertops and wall coatings.

Friction coefficient: R10
Degree of glossiness: <5



vesuvio

VESUVIO FINISH:
THE STRENGTH AND
VITALITY OF VOLCANIC MAGMA

A tactile and smooth yet finely textured surface which provides anti slip properties. “VESUVIO” is the ideal choice for both indoor and outdoor cladding and for commercial and residential flooring.

Friction coefficient: R10
Degree of glossiness: <5



satin

SATIN FINISH:
SOFT TO THE TOUCH
AND ELEGANT AS SILK

“SATIN” is easy to clean thanks to the silky sheen. “SATIN” is the ideal choice for kitchen worktops and countertops, indoor and outdoor cladding and for commercial and residential flooring.

Degree of glossiness: <16



lux

LUX FINISH:
A NEW MEANING
OF LUMINOSITY

The **Lapitec®** slabs in our “LUX” collection have a highly reflective polished finish radiating luminosity. “LUX” is the ideal choice for kitchen worktops, countertops, indoor and outdoor cladding.

Degree of glossiness: >65



applications

CLADDING

Lapitec® is the ideal solution for the indoor and outdoor cladding of classical and modern buildings of any size. It is a refined alternative to the conventional construction products, such as natural stone, glass, fiber cement and aluminum.

The materials used are light and extremely resistant against bending, thus making it possible to apply them on ventilated façades.

Lapitec® does not deteriorate over time and is resistant against atmospheric agents. It is highly resistant to shocks and completely insensitive to UV rays or to the damaging action of acid rain.

BATHROOM

The **Lapitec®** surface is entirely free of pores. It does not therefore absorb substances, nor does it stain or allow mold or bacteria to form. Furthermore, it can be cleaned with a cloth and warm water on a daily basis, making it an ideal material for the sink, but also to cover the walls and floors.

KITCHEN

Lapitec® is the “non plus ultra” solution for kitchen, domestic and industrial countertops. Its surface does not absorb substances and it is highly resistant against stains or scratches caused by ordinary culinary tools. It is easy to clean and its purity is brighter than a glossy lacquer. Thanks to its resistance and great flexibility, it can also be used to make the kitchen shelves and drawers without needing a supporting structure.

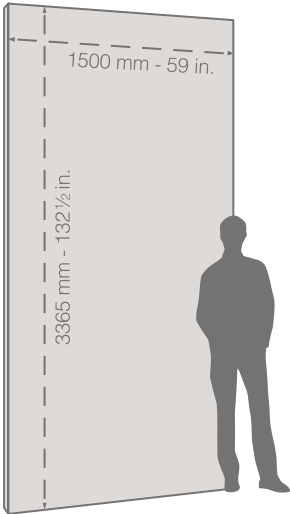
POOLS

Lapitec® is particularly suitable for floors requiring a non-slippery stone look that does not absorb substances and that is resistant against heat, stains and the detergents used to clean the side or internal and external coating of pools and spa. Furthermore, it is easy to clean and doesn't undergo any color changes when exposed to sunlight.





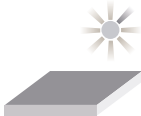


FLOORS

The strong resistance against bending, together with the availability of 3 thicknesses and non-slippery surfaces, make it possible to use **Lapitec®** on large floor areas, even suspended ones.

technical specifications



TECHNICAL SPECIFICATIONS	STANDARDS	TEST RESULT
 Size	EN 14617-16	3365 x 1500 mm 132 ½ x 59 in
 Thicknesses	EN 14617-16	12 - 20 - 30 mm ½ - ¾ - 1¼ in
 Specific weight	EN 14617-1 ASTM C97	2,4 kg/dm ³ 149 lb/ft ³
 Flexural strenght	EN 14617-2 ASTM C880	53 N/mm ² 7.687 lbf/in ² 43 N/mm ² 6.237 lbf/in ²
 Water absorption	EN 14617-1 ASTM C97	0,1% 0.03%
 Resistance to compression	ASTM C170	483 N/mm ² 70 lbf/in ²
 Impact resistance	EN 14617-9	3,3 Joule sample: 20 mm thick

TECHNICAL SPECIFICATIONS	STANDARDS	TEST RESULT
 Deep abrasion resistance	EN 14617-4	25,5 mm 0.98 in
 Frost resistance	EN 14617-5	Resistant
 Fire reaction	EN 13501-1	A1
 Resistance to acids and bases	EN 14617-10 ASTM C650	C4 - Resistant Undamaged
 Colour resistance to light	DIN 51094	No change of colours
 Coefficient of linear thermal expansion	EN 14617-11	6,3 x 10 ⁻⁶ °C ⁻¹
 Thermal conductivity	EN ISO 10456	1,3 W /m · °K

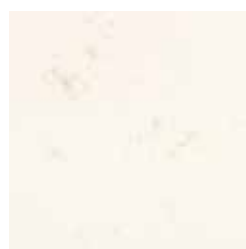
colour options



*ONLY AVAILABLE FOR THE LITHOS, SATIN AND LUX COLLECTIONS



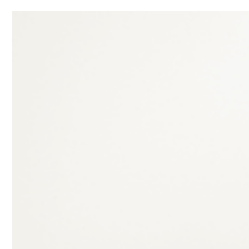
ARABESCATO MICHELANGELO*



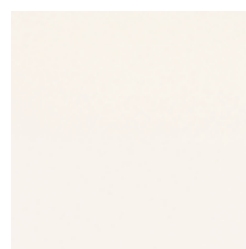
ARABESCATO PERLA*



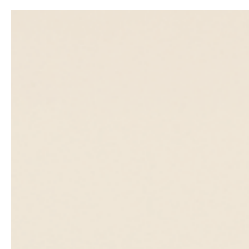
ARABESCATO CORALLO*



ARTICO



BIANCO POLARE



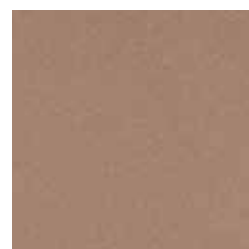
BIANCO CREMA



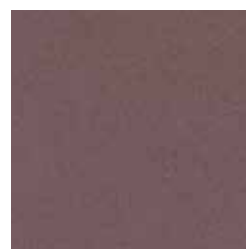
AVORIO



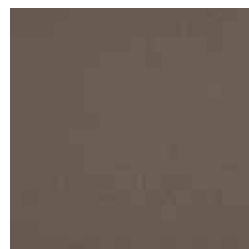
SAHARA



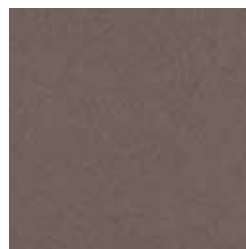
TABACCO



PORFIDO ROSSO



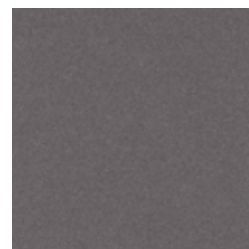
MOCA



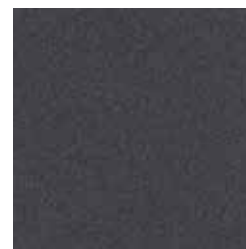
EBANO



GRIGIO CEMENTO



GRIGIO PIOMBO



NERO ANTRACITE

Our mission is to create additional value by producing high quality products of unequalled performance, with an innovative contemporary or classic elegance design appeal, facilitated by our tireless research and development and by using exclusive technologies and know-how. These are the cornerstones on which Lapitec S.p.A has built, not only its “mission,” but also the first manufacturing site (more over than 18.000 m² of operative area) in the world which produces **Lapitec®**.

The technological partnership with the **Breton S.p.A.** group, a worldwide leader in the field of systems used to make composite stone and which provided the **Lapitec®** system by developing a one of a kind technology and know-how, allowed us to conceive an innovative product with unique technical features, sizes and looks.



Lapitec S.p.A.

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