

 **MEGALAM**  
LUXURY SINTERED SURFACE  
(A UNIT OF MARBLE CITY INDIA LTD)

X

**TECHLAM**

*The sintered stone Revolution*

**What is**

# **Techlam?**

*Techlam is a benchmark brand within the Levantina Group umbrella and is one of the leading brands of sintered stone worldwide. It has been the pioneer brand in Spain since 2007.*

*Levantina Group has been a global market leader in the stone sector since 1959, controlling the entire supply chain (from extraction to final distribution), through different products, business models and distribution channels.*

*Techlam is the high-end sintered stone with unlimited possibilities and natural beauty that hypnotises and inspires.*

## **Techlam's Purpose, Mission, Vision and Values**

### **Purpose**

*Thanks to the Unlimited Possibilities that our sintered stone offers, we can improve the life of communities and build a sustainable future by creating unique spaces with unparalleled natural beauty.*

### **Mission**

*Offer a Universe of **Unlimited** Possibilities, full of beauty and inspiration, to create unique and hypnotic indoor and outdoor spaces with its high-end sintered stone surfaces, thanks to its versatility and sustainability.*

### **Vision**

*Be the leading brand in sintered stone, recognised for our pioneering and cutting-edge character, and set the benchmark in trends and in creating the most beautiful, exclusive and innovative designs, thanks to our expertise and craftsmanship in natural stone.*

### **Techlam's Values**

*Sustainability, Innovation, Quality, Passion.*

# Techlam Sintered stone attributes



Waterproof qualities



Hygienic surfaces



Easy cleaning



UV resistant



Heat resistant



Suitable for food contact



Environment al-friendly



Recyclable



\*High stain resistant



Light weight



Resistant to wear & tear



\*Scratch Resistant



Unalterable colours



\*Chemical product resistant



Bacteriostatic

## Techlam sintered stone applications

### Outdoor and Indoor:

- It is the ideal solution for endless interior and exterior applications: floors, walls, worktops, façades, cladding or furniture. It can be used to create unique spaces and environments. Sintered stone surfaces offer a universe of unlimited possibilities.
- It is important to highlight as one of Techlam sintered stone 's strengths that it can be used outdoors, making it ideal for outdoor kitchens, thanks to its exceptional resistance to extreme weather conditions.
- Sintered stone is perfect for spaces such as kitchens and bathrooms thanks to its many beneficial qualities: bacteriostatic, hygienic, high stain resistant and scratches, heat resistant, durable, and easy to clean. The combination of functionality and beauty makes it an ideal choice for these demanding spaces



Indoor walls



Countertops



Outdoor floors



Furniture



Indoor floors



Outdoor façades and surfaces

# Finishes, Formats & Thicknesses



## Mate / Matt

3 - 5 - 6-12 - 20 mm  
0,12" - 0,20" - 0,24" - 0,47" - 0,79"

With high technical and aesthetic features, our matt finish gives the surface a natural look that is designed to resist daily wear and tear, stains and atmospheric conditions. It's ideal for those who seek for interior and exterior designs the combination between extraordinary aesthetics and practicality, making it the perfect choice for commercial applications.



## Pulido / Polished

6-12 - 20 mm  
0,24" - 0,47" - 0,79"

Our polish method enhances the surface of each piece by bestowing it brightness, radiance and deepness. This finish expresses the beauty and elegance of the more prestigious materials, generating perfect aesthetics whilst maintaining extremely high technical features. It is a surface that makes the perfect choice for those who seek in their projects luxury and elegance.



## 3D Carving

6-12 - 20 mm  
0,24" - 0,47" - 0,79"

This finish provides a subtle raised print that can be seen when the light shines upon the surface. Our technology provides naturalness, creating truly realistic optical effects. This surface adds depth and character to our pieces and is beckoned to be touched.



## Abujardado / Bush Hammered

3 - 5 mm  
0,12" - 0,20"

The texture created by the Bush-Hammered finish is consistent, rough and pleasant to the touch. It creates an attractive visual finish, making it a very popular option.



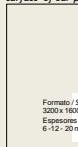
## Slate

3 - 5 mm  
0,12" - 0,20"

Raised surface that bestows our pieces with a natural and pleasant finish. Slate is a timeless, welcoming and functional finish for all spaces.

## Full Body

The perfect symbiosis of technique and design, the body of our material is unique, colours and textures in harmony with the surface of our pieces.



Formato / Size  
3000x1800 mm / 126"x63"  
Espesores / Thicknesses  
6-12 - 20 mm / 0,24" - 0,47" - 0,79"



Formato / Size  
3000x1500 mm / 118"x39.4"  
Espesores / Thicknesses  
3 - 5 mm / 0,12" - 0,20"



Sólo para proyectos / For projects only  
Formato / Size  
2800x1200 mm / 110.2"x47.2"  
Espesores / Thicknesses  
6 mm / 0,24"

|               |   |
|---------------|---|
| 3 mm / 0,12"  | I |
| 5 mm / 0,20"  | I |
| 6 mm / 0,24"  | I |
| 12 mm / 0,47" | I |
| 20 mm / 0,79" | I |

TECHLAM SINTERED STONE ATTRIBUTES

*Collection*



**BLAZE DARK**

**Thicknesses 3-5 mm Size 3000 x 1000 mm**



**Blaze Snow Matte**

**Thicknesses 3-5 mm Size 3000 x 1000 mm**



**Steel Dark Matte**

**Thicknesses 3-5 mm Size 3000 x 1000 mm**





**Steel White Matte**

**Thicknesses 3-5 mm Size 3000 x 1000 mm**



**Tektonika Matte**

**Thicknesses 3-5 mm Size 3000 x 1000 mm**



**Urban Bushhammered**

**Thicknesses 3-5 mm Size 3000 x 1000 mm**



**Basic Neu Satin**

**Thicknesses 3-5 mm Size 3000 x 1000 mm**



**Blaze Grey Matte**

**Thicknesses 3-5 mm Size 3000 x 1000 mm**



**Kalos Bianco Matte**

**Thicknesses 3-5 mm Size 3000 x 1000 mm**



**Vulcano Concrete Satin**

**Thicknesses 3-5 mm Size 3000 x 1000 mm**



**Basic Black Satin**

**Thicknesses 3-5 mm Size 3000 x 1000 mm**





**Vulcano Coal Satin**

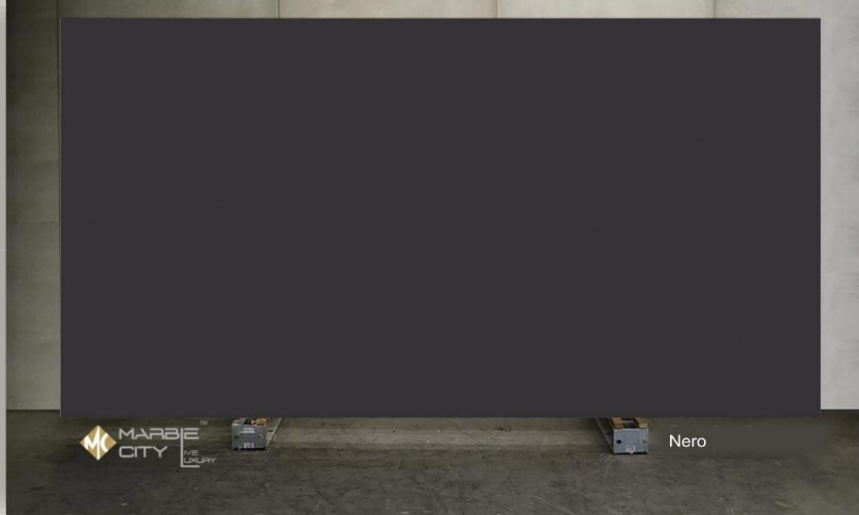
**Thicknesses 3-5 mm Size 3000 x 1000 mm**



**Beton**



**Pietra Di Piombo**



**Nero**



**Basalt Grey**



**Iron Copper**



**Iron Corten**



Nieve

**Nieve**



Phedra

**Phedra**



MARBLE  
CITY  
LUXURY

Zaha Stone

**Zaha Stone**

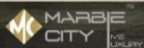


MARBLE  
CITY  
LUXURY

Aspen Grey

**Aspen Grey**





Pietra di Osso

## Pietra Di Osso



Basalt Black

## Basalt Black



**Basalt Beige**

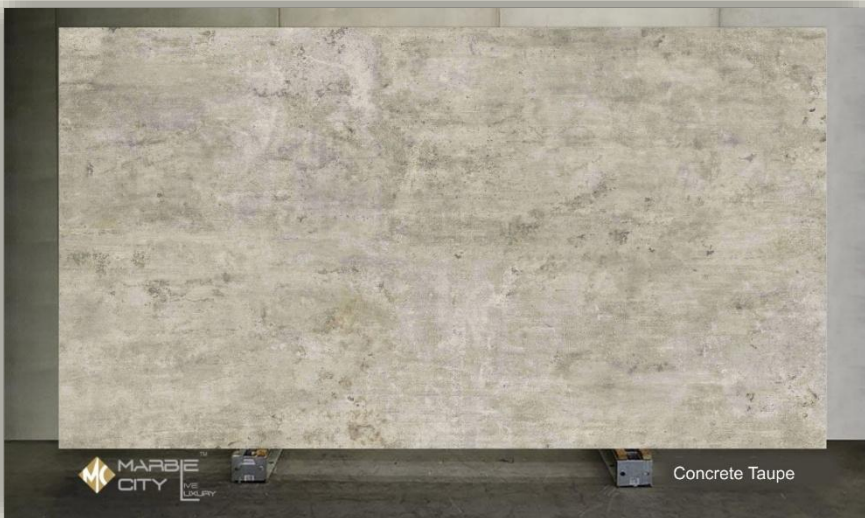


**Arena**





**Iron Grey**



**Concrete Taupe**



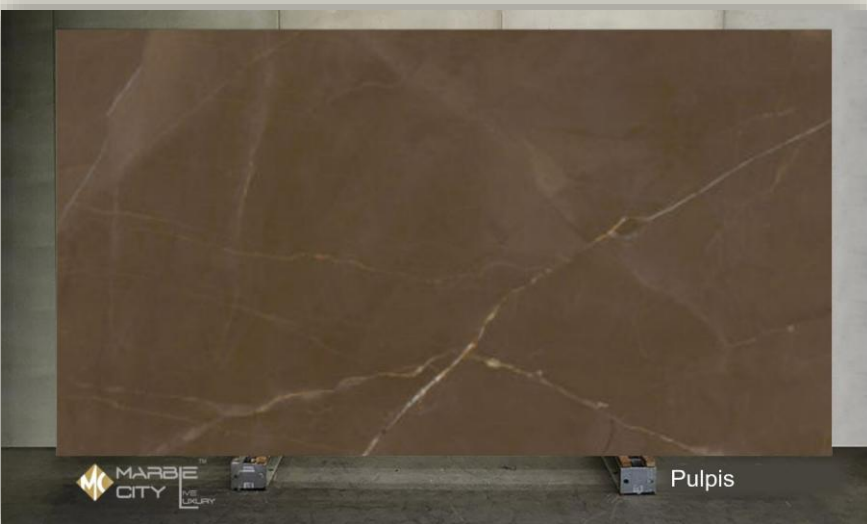
**Iron Moss**



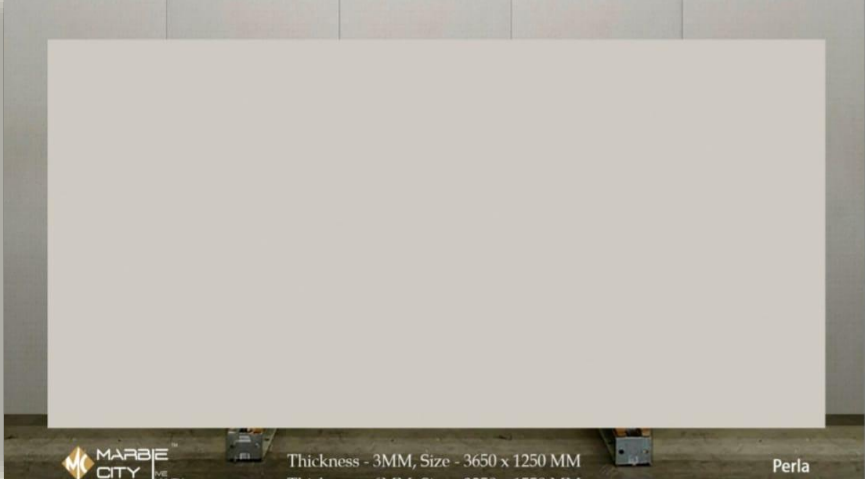
**Nero Zimbabwe**



**Iron Frost**



**Pulpis**



## Pietra Di Luna



## Winer Dala 1



**Pietra Di Luna**



**Arctic White**

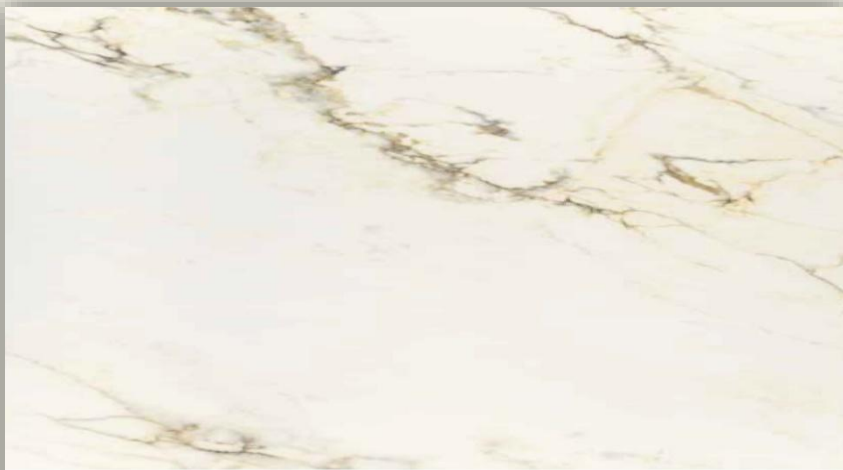


 MARBIE™

SIZE 3X1.5 Mtr

BIANCO COVELANO SHINY

## **Bianco Covelano Shiny**



 MARBIE™

SIZE 3X1.5 Mtr

PAONAZZETTO SHINY

## **Paonazzetto Shiny**



SIZE 3X1.5 Mtr

GRIS DE SAVOIE SOFT

## **Gris De Savoie Soft**



SIZE 3X1.5 Mtr

BIANCO CALACATTA SHINY

## **Bianco Calacatta Shiny**





SIZE 3X1.5 Mtr

SATWARIO ULTRA BLOCK SHINY

## Satwario Ultra Block Shiny



Nero Marquina Nm01

## Nero Marquina



# Functional features

- The large XXL pieces make it easy to install.
- The panels can be printed with signs or pictures during the production process. It does not blind with the reflection of hard light sources.
- Long-life. Low maintenance as well as minor odds of panel replacement is guaranteed.
- Its large dimensions significantly reduce the number of joints between the different pieces or areas where bacteria is easily reproduced.
- No specific maintenance required after installation.



**Versatility:** is an XXL large-format piece (Panels of 1000 x 3000 mm of 3 & 5 mm, and 3200 x 1600 mm of 6, 12 & 20 mm) that can be adapted to any size.



**Resistance to chemicals:** solvents, disinfectants and detergents.



**Waterproof qualities:** absorption, level close to 0 waterproof and resistant to liquids.



**Bending strength:** provides high resistance to bending.



**Hygienic surface:** It does not release harmful substances and does not allow the growth of mould, fungus or bacteria, and is therefore fully compatible with food products.



**Wear & tear resistance:** its surface and hardness make it highly resistant to scratching and abrasion\*.



**.Easy to clean:** no special care or cleaning products are required.



**Environmentally friendly:** It does not release any substances into the environment and can be easily recycled and used for the manufacture of aggregates or similar.



**It's colour can resist UV radiation** as it does not contain any organic pigments.



**Suitable for contact with food products.** Does not release substances that harm the environment, making it totally suitable for contact with food products.



**.Resistant to fire and high temperatures**



**High stain resistant.** Does not stain when in contact with acids such as lemon or with cleaning products such as bleach or ammonia.

# TECHLAM

*The sintered stone Revolution*

## Thicknesses applications and finishes



3 mm

3 mm thick sintered stone panel. It is applied with an improved cement-like adhesive that provides adequate adhesion and a certain level of deformability. It is important that the base is perfectly flat, if this is not the case, a self-levelling product must be applied. It's weight per sqm. is 7.1 kgs. 3 mm provides high performance in terms of strength and durability. It is suitable for interior cladding and furniture.



3+ mm

3+ mm thick panel are reinforced with fibreglass mesh and polyurethane resin. It is applied with an improved cement-like adhesive that provides adequate adhesion and a certain level of deformability. It is important that the base is perfectly flat, if this is not the case, a self-levelling product must be applied.



5 mm

cement-like adhesive that provides adequate adhesion and allows a certain level of deformability. It is important that the base is perfectly flat, if this is not the case, a self-levelling product must be applied. It's weight per sqm. is 11.87 kgs. 5 mm provides high performance in terms of strength and durability. It is suitable for indoor cladding & flooring and outdoor cladding.



5+ mm

5+ mm sintered stone panel is reinforced with fibreglass mesh and polyurethane resin. It is applied with an improved cement-like adhesive that provides adequate adhesion and a certain level of deformability. It is important that the base is perfectly flat, if this is not the case, a self-levelling product must be applied. It's weight per sqm. is 12.57 kgs. 5+ mm provides high performance in terms of strength and durability. It is suitable for indoor cladding & flooring and outdoor cladding.



6 mm

6 mm sintered stone panel. It is applied with an improved cement-like adhesive that provides adequate adhesion and allows a certain level of deformability. It is important that the base is perfectly flat, if this is not the case, a self-levelling product must be applied. It's weight per sqm. is 14.93 kgs. 6 mm provides high performance in terms of strength and durability. It is suitable for indoor cladding & flooring, and outdoor cladding and ventilated façades.



6+ mm

6+ mm panel is reinforced with fibreglass mesh and adhered polyurethane resin. It is applied with an improved cement-like adhesive that provides adequate adhesion and a certain level of deformability. It is important that the base is perfectly flat, if this is not the case, a self-levelling product must be applied. It's weight per sqm. is 15.4 kgs. 6+ mm provides high performance in terms of strength and durability. It is suitable for paving, interior and exterior cladding and ventilated façades.



12 mm

12 mm panel. It is used mainly for kitchen countertops, paving and ventilated façades with concealed fixing or anchoring, meaning that they have slots on the inside so that they may be anchored to an aluminium or metal substructure. Its weight per sqm. is 29.8 kgs.



12+ mm

A 12+ mm panel is reinforced with fibreglass mesh and adhered polyurethane resin. It is mainly used for kitchen countertops, flooring and ventilated façades with concealed fixing or anchoring, meaning that they have slots on the inside so that they may be anchored to an aluminium or metal substructure.

# Certificates



42-94%

\*Consultar modelos / \*Consultar modelos

- Product with an average of 49% recycled content

Recycled material has been used as a raw material in the composition of the product and therefore the benefits of using Techlam are:

- It reduces its impact of raw material extraction and processing.
- It becomes a solution to the demand for products with recycled content in construction projects.



## The Environmental Product Declaration EDP

Techlam's 3mm & 5mm products come with an Environmental Product Declaration (EPD) or type III environmental certificate that provides accurate & relevant and transparent & verified environmental information on all environmental impacts that Techlam may generate in its life cycle. This declaration is based on the International Standard EN ISO 14025:210 and was therefore checked throughout an audit carried out by AENOR in our facilities.



- Sustainable construction certification systems

Using Techlam in a construction project allows developers to obtain points certification as a sustainable construction project. The most internationally recognised certification programmes are:

- LEED (Leadership in Energy & Environmental Design), developed by the US Green Building Council.
- BREEAM (Building Research Establishment Environmental Assessment Method) developed by the BRE (Building Research Establishment) in the United Kingdom.



ZERO WASTE  
U-C Certification



- Quality and environmental Certifications:

Techlam highlights its environmental commitment by adopting the ISO 14001 standard certified management system as well as its commitment to quality through the ISO 9001 standard certified management system.



- Member of the US Green Building Council

Non-profit organisation that ensures:

- The construction of sustainable buildings.
- The use of sustainable materials for construction purposes.
- The creation of the standards and criteria in the LEED sustainable construction certification system.



- A+ for indoor air emissions

The Techlam product has been awarded the highest category, A+, as its limits for hazardous substance emissions are very much below the applicable legislation. Using Techlam offers the following advantages:

- The quality of the indoor environment is preserved for the features comfort and well-being of installers, occupants and users.
- A solution to the demand for products for sustainable Compliance with French Government regulations for

# TECHLAM

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*by*



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