

WET ROOMS

Product and technical data



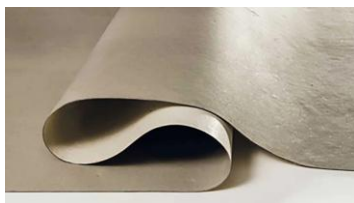
XSTONE MINERAL VENEERS

At XSTONE GROUP, we push the boundaries of wall design in wet environments with a complete, durable and aesthetically pleasing solution. Combined with Mapei's 4 LVT waterproofing system, our innovative mineral surfaces are easy to install in demanding spaces such as bathtub surrounds, showers and other areas exposed to water.

Designed to meet the demands of modern renovation, this solution allows dust-free installation directly over old tiles, waterproof panels or drywall. The pre-mixed products ensure quick, clean installation, while the reduced thickness of XSTONE coverings guarantees perfect integration, even in the most complex projects.

By combining the performance of a tried-and-tested waterproofing system with the contemporary aesthetics of XSTONE, you can offer your projects a reliable, elegant solution that complies with the strictest standards. Together, we can transform wet rooms into inspiring spaces.

Product range:

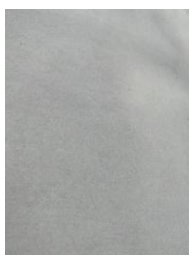


Veneer 1000x3000mm (on fiber glass support)



MAPEI waterproofing system

Among our design:



Concrete smooth grey



Concrete rough grey



Concrete mandala



Concrete wooden



Fire plank black



Travertine beige de Paris



Travertine King Louis



Travertine Grey

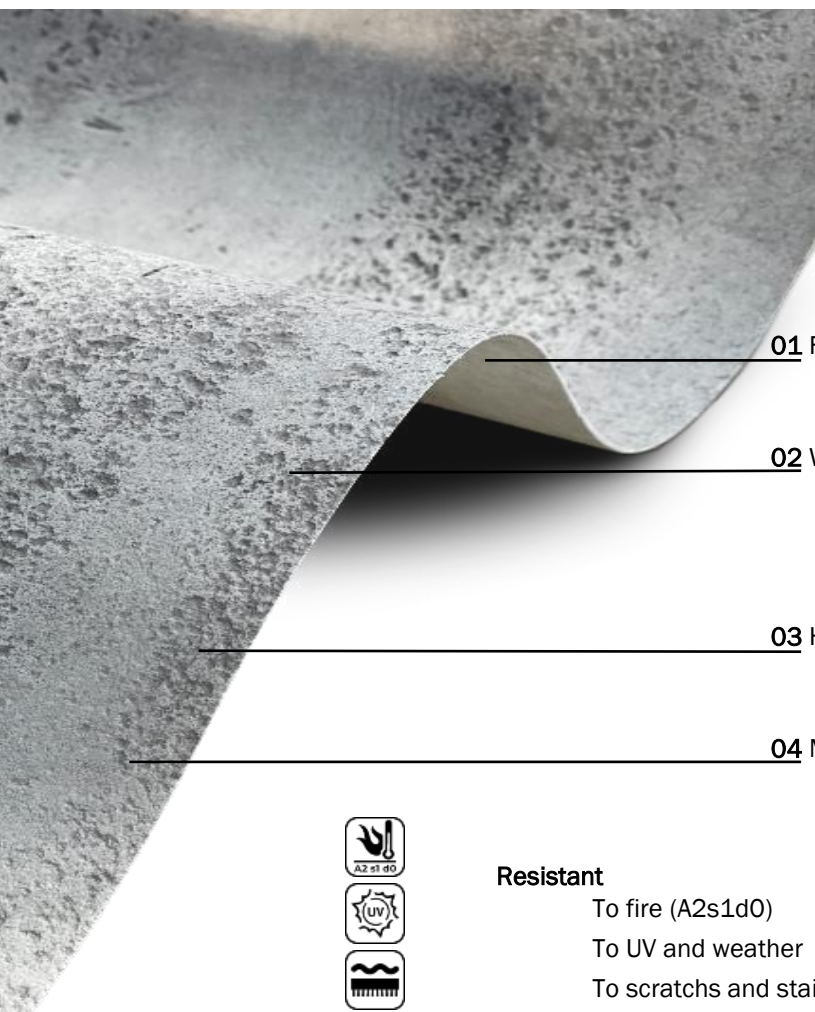


Slate black



Concrete Honed Middle Grey

CHARACTERISTICS



01 Fiber glass backing

02 Water repealant protection option

03 Hard traffic protection option

04 Mineral polymer coating layer (2-3 mm)



Resistant

- To fire (A2s1d0)
- To UV and weather
- To scratches and stains
- With acoustics features



Eco-responsible

- Eco sustainable
- Ecologic reducing CO2 by 95%
- Without air emissions (< 1g/L)



Easy to install

- Lightweight, easy to manipulate, to cut, to glue
- On any supports interiors ou exteriors
- Costs, including installation, reduced by 50 %



INSTALLING A WET ROOM WITH XSTONE MINERAL SHEETS ON OLD TILES

MY LIST OF PRODUCTS

Substrate preparation	Waterproofing
  Planipatch XTRA Planiprep 4 LVT	  Mapelastic AquaDefense Mapeband PE 120
Gluing	Finishing
 Ultrabond Eco MS 4 LVT Wall&Floor	  XSTONE Filler Joint Mapecoat 4 LVT

SUBSTRATE PREPARATION (DTU 53.12)

Checking the substrate and filling in missing tiles

- Check the adhesion of the tiles in place, using sound probing.
- Remove cracked or poorly adhering tiles and their bedding mortar.
- Fill in any missing tiles with **Planipatch Xtra**.

Smoothing tiles on existing sloping surfaces and/or walls

- Apply an abrasive to the surface of the remaining tiles to encourage adhesion, then vacuum away any dust.
- Rake the surface with **Planiprep 4 LVT** ready-to-use plaster to obtain an even, smooth surface.

Alternative for concrete slab :

Creating a slope shape

- Brush on a bonding slip made with **Nivorapid FP** mixed with **Latex Plus** diluted 50%.
- Prepare **Nivorapid FP** sloping mortar by mixing with water. Ensure that the mix can be applied within 30 minutes of its preparation.
- Apply **Nivorapid FP** using the same techniques as for a cement screed (in the fresh slip), creating the desired slope (3 to 40 mm thick).
- To obtain a perfectly smooth surface, close the surface with a float and then smooth with a sponge.

WATERPROOFING

After **Planiprep 4 LVT** (approx. 1 hour) and/or **Nivorapid FP** (24 hours) has dried, apply **Mapelastic AquaDefense** in 2 passes:

- Apply the 1st coat using a long-haired roller (approx. 700g/m²). In corners and at joints, embed the **Mapeband PE 120** strip in this 1st pass using a brush.

- After 1 hour, apply the 2nd coat with a metal float (approx. 300g/m²) to obtain a smooth finish.
- After drying (after approximately 4 hours), apply an abrasive (120 grit) over the entire surface to remove any imperfections.
- Special points such as drains and gutters must be fitted with a plate to allow them to be covered with a liquid waterproofing system.

GLUING

- After a minimum of 12 hours, vacuum the surface and apply **Ultrabond Eco MS 4 LVT Wall&Floor** to the surface to be covered.
- Lay the **XSTONE mineral sheets** edge to edge, then space them out to the desired joint width. Carefully press down the covering. Note that **XSTONE mineral sheets** can also be laid edge-to-edge without a joint.

FINISHING

Make sure the surface of the surface is clean and dry before finishing.

Grouting

- After at least 12 hours, remove any stains or adhesive build-up in the joint.
- Before application, protect the edges of the sheets with masking tape to avoid any smearing.
- Cut a corner out of the **XSTONE Filler Joint** pocket and use it as a grouting pocket. Apply the mortar into the joint.
- Scrape off any excess from the surface with a float held perpendicular to the substrate. Allow to dry (minimum 2 hours).
- Remove the masking tape

Non-slip finish

- Mix the 2 components of the **Mapecoat 4 LVT** finishing varnish in a paint mixer, then apply the varnish to the coating with a short-haired roller in 2 criss-cross passes (100g/m²).
- Wait at least 24 hours before use.



SCAN ME
Projet salle
de bain hôtel



SCAN ME
Installation
MAPEI 4 LVT



USE CASES



Wall design



Doors, wall cupboard



Fittings (hotels, offices, restaurants, shops, events)



Cladding



Furnitures



Bathroom

1010 | Concrete smooth middle grey



USE CASES



Wall design



Fittings (hotels, offices, restaurants, shops, events)



Furnitures



Doors, wall cupboard



Cladding



Bathroom

**1090 | Travertine beige
Flavum**



USE CASES



Wall design



Fittings (hotels, offices, restaurants, shops, events)



Furnitures



Doors, wall cupboard



Cladding



Bathroom

**1040 | Béton Honed
Smooth Gris Moyen**

CERTIFICATIONS

XSTONE is actively committed to eco-responsibility by manufacturing mineral coatings from 90% recycled marble powder. This innovative artisanal process reduces the ecological footprint by reusing quarry waste and limiting energy and water consumption. Optimised transport of the veneers, which are rolled and lightweight, reduces CO₂ emissions by 95% compared with natural stone. XSTONE products, which can be recycled at the end of their life, help to preserve natural resources while offering an aesthetic and sustainable solution for building professionals.



XSTONE mineral laminates are fire-resistant and A2-s1-d0 certified,



XSTONE offers a wide range of acoustic solutions. All XSTONE acoustic solutions have been tested in a professional acoustic laboratory. The solutions have an NRC value ranging from 60 to 90%.



XSTONE makes a positive contribution to the BREEAM

5. Materials and Resources. By minimising construction waste, reducing the impact of materials through recycling and choosing eco-sustainable materials.

6. Indoor Environmental Quality. By promoting healthy indoor environments through A+ classification, reducing the use of pollutants and improving acoustic comfort.

7. Innovation in Design. By using particularly innovative solutions, both in terms of product design and acoustic performance,



XSTONE makes a positive contribution to LEED credits

MRc 1: Reduction of Construction Waste 1 to 2 points (Construction and Demolition Waste Management). XSTONE is lightweight, eco-sustainable and recyclable.

MRc 2: Reuse of Buildings and Materials 1 point (Building Life-Cycle Impact Reduction) by opting for materials with a low environmental impact.

MRc 4: Building Product Disclosure and Optimization - Material Ingredients (1 point). XSTONE products are classified A+ reducing risks to human health and the environment.

MRc5: Responsible Materials Purchasing 1 to 2 points (Building Product Disclosure and Optimization - Sourcing of Raw Materials). XSTONE is an eco-responsible product using recycled materials.



Products certified to European Standards



XSTONE laminates are classified A+ (VOC emissions certification).



Why choose XSTONE for wet rooms?

Because in a bathroom as in a large-scale project, every detail counts. XSTONE is the perfect combination of the nobility of natural stone and revolutionary installation techniques. Waterproof, durable, ultra-light and easy to install, it transforms technical constraints into a creative playground. It's not just a cladding material, it's an architectural signature. An eco-sustainable material, resistant to water, fire and UV rays, and ready to face everyday life without fail. With XSTONE, your shower becomes a showcase of expertise, a design statement, and proof that you're there to make an impression. Stay ahead. Lead the trend.

