



FIRE RESISTANT PANEL A2 VEROBOARD ALLSTAR

Product and technical data

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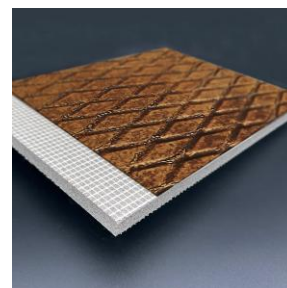
XSTONE MINERAL VENEERS

The XSTONE VeroBoard AllStar fire-resistant panels are designed for both interior and exterior applications and come with fully tested system components to meet the requirements of the construction industry.

In a context where building projects must be faster, simpler, and more cost-effective, XSTONE introduces a new system under the “XSTONE VeroBoard AllStar” brand, offering numerous advantages, particularly for renovation and construction professionals. This range stands out for its versatile panels that are easy to install.

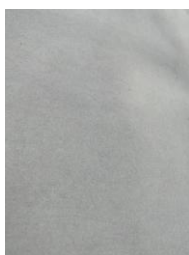
XSTONE VeroBoard AllStar is a lightweight construction panel, non-combustible (classified A2-s1,d0), resistant to frost, humidity, steam, and mould, while also providing strong thermal performance. Made from recycled glass, it is suitable for both indoor and outdoor use. The panels can be easily cut with a utility knife and installed using screws, staples, or adhesive (AllStar combined mortar supplied). Thanks to these properties, it is an ideal solution for energy-efficient interior renovation, especially in situations involving mould issues. XSTONE VeroBoard AllStar is also a lightweight alternative to plaster or cement boards for façades and interior constructions. It additionally offers many benefits in terms of installation and building technology, for example for ventilated façades, carport cladding, roof soffits, and interior fittings.

Product range :



Typical XSTONE
Veroboard Allstar
system

Among our designs :



Concrete smooth
grey



Concrete rough
grey



Concrete
mandala



Concrete wooden



Fire plank black



Travertine beige
de Paris



Travertine King
Louis



Rust smooth

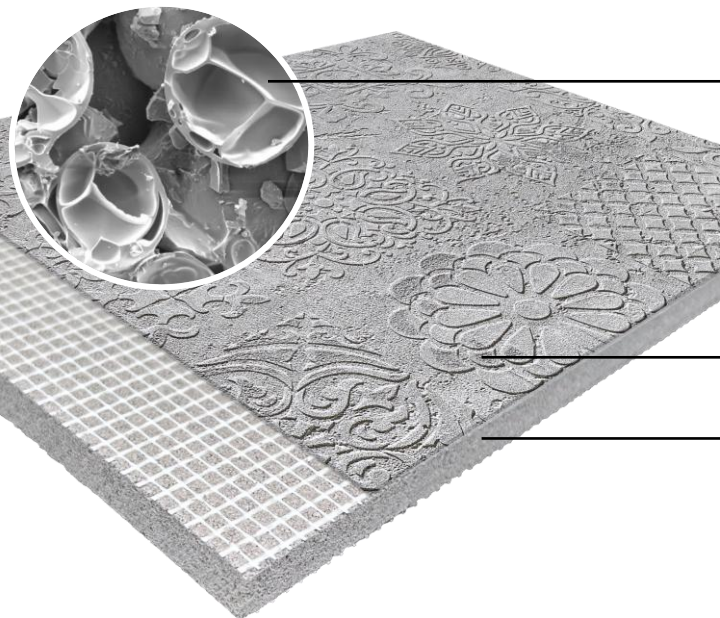


Copper Spider



Brick red splash

CHARACTERISTICS



Expanded glass microbeads.

Obtained through the thermal expansion of recycled glass, this lightweight, insulating, and durable material gives XSTONE panels their stability, strength, and excellent physical properties.

01 Xstone mineral veneer finish

02 Expanded glass + Epoxy resin

XSTONE Veroboard Allstar Outdoor and indoor use. Versatile, lightweight, and easy-to-use construction panel

Characteristics

Format	1200 x 800 mm; 2400 x 1200 mm; 2600 x 1250 mm; 3200 x 1200 mm	
Product thickness	8, 10, 12, 20 mm	
Weight	540 kg/m ³ (8 kg/m ² in 12 mm)	
Planks / m ² per box	4 / 3,84 m ²	
Boxes / m ² per pallet	30 / 115,20 m ²	

Certifications (* Test basis Panel thickness 12 mm)

Fire behavior DIN EN 13501	A2-s1,d0 non-combustible
Flexural strength DIN EN 196-1	9 N/mm ² *
Compressive strength DIN EN 196-1	4 N/mm ² *
Flexural modulus EN ISO 178	1800-2000 N/mm ² *
Thermal length change TIAP-650	0.0000095 1/K
Thermal conductivity DIN 52612	0.12 W/(m*K) *
Water vapor diffusion resistance factor μ EN ISO 7783-2	15 *
Swelling behavior when stored in air at 23 °C VIAM 015 (internal)	0.6 mm/m *

XSTONE MINERAL PANEL VEROBOARD ALLSTAR NATURALLY STRONG



DURABLE

XSTONE Veroboard Allstar is **resistant to staining** and scores with high resilience.



LOW-EMISSION

Take a deep breath: XSTONE Veroboard Allstar panel emits **no harmful substances** into the atmosphere.



EASY CARE

The sealed mineral surface makes the panel **easy to clean** and maintain.



ODOUR NEUTRAL

Please do not disturb: **no unpleasant odours**.



UV-RESISTANT

Ready for summer: XSTONE Mineral panels have a high light fastness and **an excellent UV resistance**.



MINIMAL SMOKE

Classify **A2s1d0**, even in case of fire: **Low smoke density**. Escape routes remain more visible.



SUITABLE FOR DAMP AREAS

In **the kitchen or bathroom**: XSTONE Veroboard Allstar mineral panels shows its best side in every situation



QUIET

The soft surface ensures **pleasantly quiet acoustics**.



ANTI MOISTURE

The **lightweight, capillary-active, mineral beads** processed into lightweight panels enable moisture buffering, mold inhibition



THERMAL INSULATION

Helps reduce energy consumption by allowing walls to warm up faster and lowering the required heating power, without compromising indoor comfort.



FROST RESISTANT

The **lightweight, porous structure** absorbs very little free water, greatly reducing the risk of damage from freezing and ice formation inside.



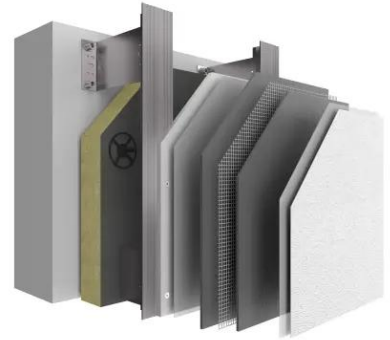
WEATHER RESISTANT

The structure, made from expanded recycled glass, offers high dimensional stability in extreme weather conditions (frost, heat, humidity, etc.).

XSTONE VEROBOARD ALLSTAR SYSTEM

Ventilated facade systems

The “Second Skin” function is based on a ventilated façade system built in two layers: an exterior cladding panel mechanically fixed to a supporting substructure (typically rails or a frame), separated from the main wall by a continuous air cavity. This ventilation gap enables constant natural airflow, moving from bottom to top, which removes moisture and significantly reduces thermal transfer. This installation technique acts as a rain barrier, protects the structure from condensation, and greatly enhances the building’s thermal and acoustic performance. It also allows for easy maintenance and panel replacement without heavy intervention on the main structure, making ventilated façades a durable, efficient solution for both renovation and new construction projects.



Adhesive installation

Cut VeroBoard® AllStar lightweight panels to size with a cutter, mix the combination mortar according to the instructions, and apply the mortar to the wall or panel with a 10 mm notched trowel. Then glue the panels to the wall, ensuring they are plumb and staggered by at least 20 cm.



USE CASES



Wall design



Doors, wall cupboard



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



Cladding



Furnitures

1088 | Travertine King Louis



USE CASES



Wall design



Doors, wall cupboard



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



Cladding



Furnitures

**1010 | Concrete Smooth
Light Grey**



USE CASES



Wall design



Doors, wall cupboard



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



Cladding



Furnitures



1302 | Slate Black

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 Veroboard Allstar is fire-resistant and A2-s1-d0 certified,



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,



The Blue Angel is a renowned environmental label that is only awarded to products that meet high standards in terms of environmental, health, and usage properties. XSTONE VeroBoard AllStar products carry this label, which underscores their environmental friendliness and health safety.



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.



Our XSTONE VeroBoard AllStar and panels have an Environmental Product Declaration (EPD). EPDs provide detailed information on the environmental aspects of building materials and products throughout their life cycle; essential for sustainably certified buildings and well-founded life cycle assessments.



Products certified to European Standards



XSTONE Veroboard Allstar panels Comply with VOC (Volatile Organic Compounds) guidelines ensures that products release only minimal amounts of volatile organic compounds that could affect air quality. This is particularly important for indoor spaces where people spend a lot of time. Our products are tested according to these guidelines and classified in category A+.



Why choose XSTONE VeroBoard AllStar?

Because in a world where speed and efficiency win, you can't afford old-school solutions. VeroBoard AllStar is the strength of high-performance construction with the lightness your projects demand.

We're not talking about just another panel. **We're talking about a game changer for renovation and new builds.**

Non-combustible **A2-s1,d0**, resistant to **frost, humidity, steam, and mould**, and usable **indoors and outdoors**.

Made from **recycled glass**, ultra-light, and easy to install. You're not just making a smart choice, **you're proving you know how to lead the industry.**

With XSTONE VeroBoard AllStar, your projects stay on top : **where only the best perform.**

