XSTONE
SURFACES

ACOUSTIC PANELS

Product and technical data



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info@xstone.group

XSTONE ACOUSTIC MINERAL PANELS

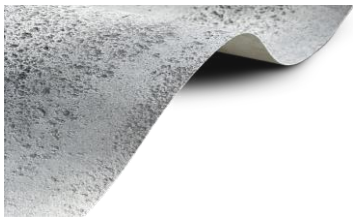
The **ACUSTONE** range is an innovative acoustic panel solution developed to offer architects and designers a range of decorative surfaces for all types of interior.

A revolutionary innovation: ACUSTONE is a revolutionary innovation in acoustic panels. It is distinguished by its unique mineral coating, offering a perfect combination of functionality and design. **ACUSTONE** panels are designed to improve the acoustics of interior spaces while providing exceptional aesthetics.

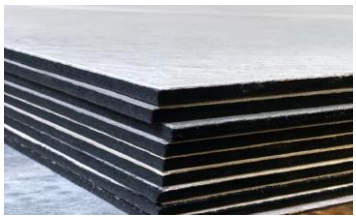
Unique designs: One of **ACUSTONE's** key strengths is its ability to faithfully reproduce design effects such as natural stone, travertine, concrete and rust. These effects are achieved using advanced technology to create realistic textures and patterns, giving panels an authentic, high-end appearance.

Infinite colours: In addition to its variety of designs, **ACUSTONE** also offers an infinite range of colours. This allows designers and architects to tailor panels to the specific needs of each project, creating unique and harmonious spaces.

Product range:



Veneer 300 x 100 cm or
1300x3000mm (on fibreglass support)



Acustone Panels (Recycled PET)
280 x 120 cm or 120 x 80 cm

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

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CHARACTERISTICS



Resistant

To fire (A2s1d0) PET (Bs1d0)
To UV and weather
To scratchs 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 %

INSTALLATION GUIDE FOR XSTONE ACUSTONE ACOUSTIC PANELS

At **XSTONE**, we're proud to offer innovative acoustic solutions that combine performance and aesthetics. To ensure the successful installation of **ACUSTONE** acoustic panels, here is a detailed step-by-step guide. By following these instructions, you will fully optimise the acoustic and decorative properties of your panels.

1. Preparation

Before you start, make sure you have all the tools you need: a drill, spirit level, tape measure, pencil, suitable adhesive (if gluing) and safety equipment such as gloves and goggles.Then choose the ideal location according to the needs of the space. Use a tape measure to determine the height and layout of the panels. Precisely mark the mounting lines on the wall or ceiling with a pencil and level to ensure perfect alignment.

2. Measurements and markings

Take the exact dimensions of each **ACUSTONE** acoustic panel and carefully transfer them to the mounting surface. This step is essential to ensure a uniform and harmonious installation. Use a level to check that the markings are straight to avoid any misalignment after installation.

3. Installation methods

Depending on your needs and the characteristics of the project, choose one of the installation methods below:

- **Glue-down installation**: Apply a suitable adhesive evenly to the back of the **ACUSTONE** acoustic panels. Position them carefully on the marked marks, then press firmly to eliminate any air bubbles and ensure optimum adhesion. Allow to dry before finishing.
- **Fixing to a frame**: If you opt for a frame, start by fixing it securely to the wall or ceiling using a drill. Then install the panels on the frame, making sure they are stable and aligned.
- **Hook system**: If you prefer flexible mounting, attach the hooks to the desired surface and then hang the **ACUSTONE** panels. This method is ideal for easy future adjustment or replacement.

4. Checks and adjustments

Once the panels have been installed, inspect their alignment and stability. Use a level again to confirm that each panel is straight. If there is any misalignment or instability, make the necessary adjustments.

5. Cleaning and maintenance

After installation, clean up the work area by removing any tools and remaining materials. Keep the area clean and tidy. To preserve the acoustic performance and aesthetics of your **ACUSTONE** panels, clean them regularly with a soft cloth and check their condition periodically.

6. Technical assistance

If you encounter any difficulties or have any questions during the installation process, our technical support team is on hand to guide you. At **XSTONE**, we are committed to providing quality products and services to help you transform your spaces with elegance and efficiency.

By following this guide, you will be able to take full advantage of the acoustic performance and refined design of **XSTONE ACUSTONE** panels, while improving the sound and visual ambience of your spaces.

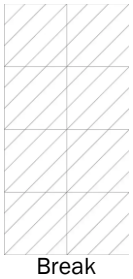
Transform your acoustic panel with infinites designs

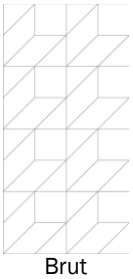
In addition to its aesthetic appeal, **ACUSTONE** also offers excellent acoustic performance. The panels effectively absorb unwanted sound, reducing echo and improving the sound quality of interior spaces. This makes it an ideal solution for environments such as offices, restaurants, meeting rooms, auditoriums and many others.

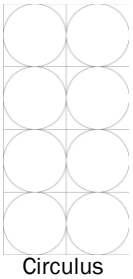
To take this a step further, the introduction of subtle engraved linear patterns can add interest to an **ACUSTONE** panel. Choose from one of our existing patterns or contact our design team to produce a fully customised option to suit your needs,

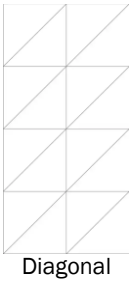


Among the standard models

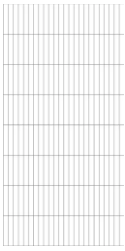

Break

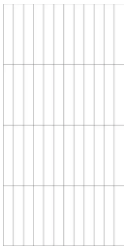

Brut

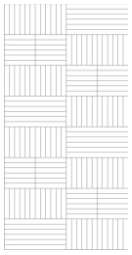

Circulus


Diagonal


Diametro


Metro


Subway


Versus

XSTONE
SURFACES



1010 | Concrete smooth light grey

USE CASES

- Wall design
- Ceiling
- Fittings (hotels, offices, restaurants, shops, events)
- Furnitures

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XSTONE
SURFACES



1409 | Japan Sugi Wood Optic

USE CASES

- Wall design
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- Furnitures

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XSTONE
SURFACES



1015 | Concrete Rough Grey

USE CASES

- Wall design
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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 CO_2 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 veneers 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 veneers are classified A + (VOC emissions certification).

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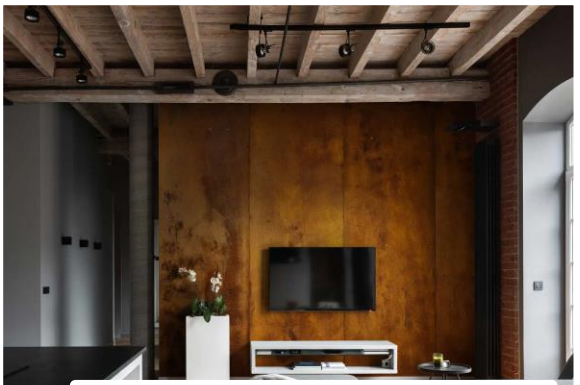


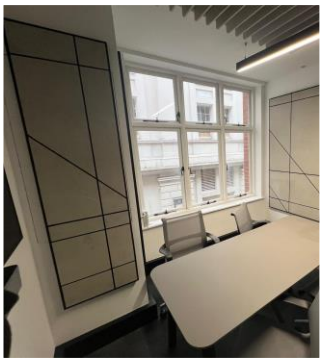
Why choose XSTONE?

Because in a world where you need to be heard, you can't settle for the ordinary. **XSTONE ACUSTONE** is the perfect combination of acoustic performance and revolutionary design. We're not just talking about a panel here, but a major step forward in mastering sound and aesthetics. Made from 90% recycled materials, ultra-light and easy to install, it's not just a technical choice, it's a statement. Resistant to fire, weather and exceptional sound absorption, while offering a style that makes a statement. With **XSTONE ACUSTONE**, you're one step ahead, where visionaries set the rules.













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