FLEXIBLE MINERAL SURFACES

Installation guide

Wall covering | ROL version

Flexible mineral surfaces for interior walls.



1 Prepare · 2 Plan and cut · 3 Glue · 4 Hang · 5 Fill joints · 6 Sand · 7 Finish and seal

The material

A flexible mineral surface on a fibreglass backing: mineral-filled, cross-linked resin. Lightweight, flexible and antistatic, and delivered in rolls.

1–2 mm Thickness	2 kg/m² Weight	3 × 1 m Roll size: 3000 × 1000 mm (3 m²) / 2950 × 950 mm
A2 Fire protection class	96 % Tested and certified recycled stone powder	Hand-made Slight colour variation is part of the look

In the box

1 roll
3 m²

Joint filler paste
for joints, corners, edges

Indoor glue
XSTONE Glue 9001

Supplied separately: PU sealer for wet zones and heavy-duty areas.

Store it right

Keep the rolls in a dry place at 10 °C or above. Avoid storing the material rolled up for long periods.

Tools you'll need

Filling knife · Heat gun · Utility knife · Roller and brush · Bucket

Masking tape · Foam pad, 240 grit · Applicator or pressure roller · Sponge · Spirit level and pencil

Only if your wall needs them: primer and gypsum-based filler.

1 Prepare

Check the material, then get the wall ready

Check the material

Unroll each roll and check the colour and finish before you start. A little variation is normal for a hand-made surface, so decide your hanging order now.

Is the wall ready?

- **Dry**
- **Stable**
- **Clean and dust-free**
- **Smooth**

If it isn't, fix it first:

- Remove old layers that aren't load-bearing, wall coverings and leftover wallpaper adhesive.
- Fill holes, rough areas and uneven spots with gypsum-based filler.
- Prime the wall if needed, so the adhesive can bond.

Let it settle

Lay the roll flat in the room for 24 hours before you start, so it can adjust to the room climate.

Working temperature

Under 15 °C	15–18 °C	Over 18 °C
Don't install	Minimum	Recommended

⚠ Heat gun rules

- Lowest power setting
- No longer than 10 seconds on the same spot
- Too much heat damages the surface



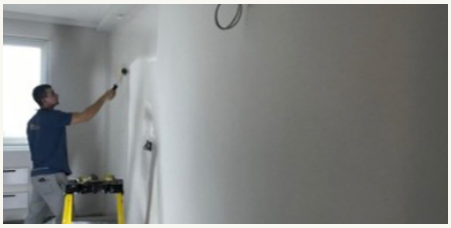
Warming cold material makes it easier to cut and to fold around corners.



Unroll and check each roll



Unpack the roll



Prime the wall if needed

2 Plan and cut

Plan the room before you cut anything

1 m
roll width

Plan your layout

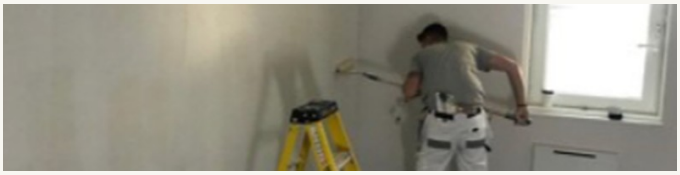
- Look at the windows and doors first. Plan your joints so none fall over the head of a door or window.
- Decide where the first roll goes, so the finished wall doesn't end up uneven.
- Number the rolls in the order you'll hang them.

Cut with a utility knife

- A sharp utility knife cuts the material easily.
- Cold or thick? Warm it briefly with the heat gun, following the rules above.
- Bonded to MDF? Standard carbide tools work.



Plan the room first



Work around windows and doors

3 Glue

Mix, rest, then roll it on

2.5 L water

15 min resting time

1
Stir the XSTONE Glue 9001 into 2.5 L of water.

2
Leave it for 15 minutes.

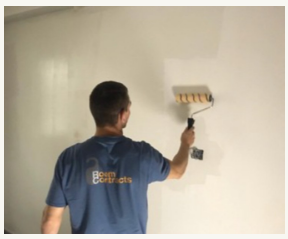
3
Mix again until it forms a jelly-like paste.

4
Roll or brush it onto the wall and the back of the roll.

Which adhesive?

Standard indoor job on a sealed, suitable surface	**XSTONE Glue 9001** (supplied)
Sealed surface, or you need extra bond strength	**Heavy-weight wallpaper adhesive**
Curved surfaces	**Contact adhesive**
Pressing onto panels	**PVA**


The glue pot


Roll it onto the wall

Turning a 90° corner



Mitre. Cut both pieces at an angle so they meet in the corner, then fill the joint with joint paste.



Fold. Bend the material around the corner. Contact adhesive only. Warm the fold with the heat gun first, so it doesn't crack.

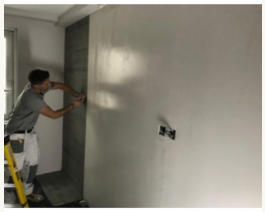
4 Hang

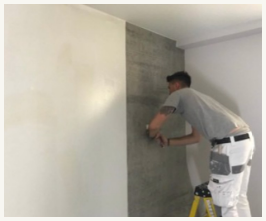
Start at the top and work down

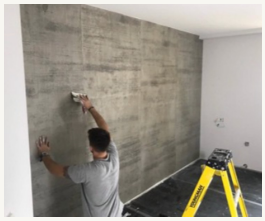
1. Fix the roll at the top of the wall.
2. Let the roll down the wall, pressing it on with a roller or wallpaper applicator.
3. Check it's stuck, then trim the bottom with a utility knife.
4. Sweep your hand over the surface, or use a pressure roller, to push out air pockets. Check again and again until the whole surface is bonded.
5. Repeat with the next roll until the walls are covered.

Tip. A sponge works well for pressing out air pockets.


Fix at the top


Let it down the wall


Press it on


Check for air pockets

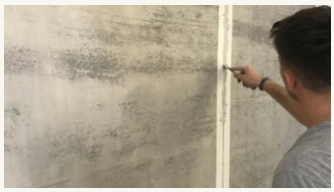
5 Fill joints

The kit includes filling compound for joints, corners and edges

5 mm
tape gap



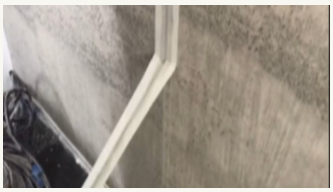
1. Tape both sides of the joint, leaving a 5 mm gap.
2. Apply the joint paste with a spatula.
3. Peel off the tape while the paste is still wet.
4. Repeat on every joint and around the edges.



Tape, then paste



A filled joint



Corners and edges



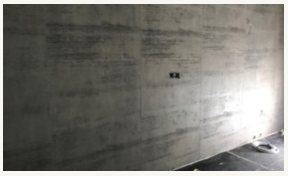
Work joint by joint

6 Sand

Bring out the character of the surface

240
grit foam pad

Once the joint paste has dried, go over the surface with a 240-grit foam pad. This lightly scratches the surface, which brings out the natural character of the material and levels any raised areas. Wipe off the dust before you seal.



A finished wall



The surface up close

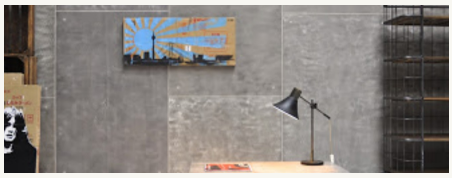
7 Finish and seal

Colour finishes first if you want them, then the sealer

6–12 h
sealer drying

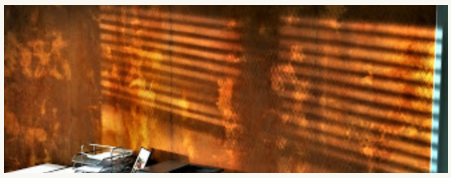
Optional colour finish, by range

CONFIRM ORDER



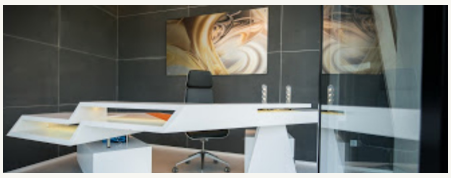
Plain colours

A water-based colour wash harmonises the joints and roll colours. Make the surface your own.



Rust

Real iron gives the surface a natural pattern. A PVA/water sealer spray adds protection, but the colour will change, so test it first.



Black Slate and Fire Plank

A matt black wash evens out the colour, so joints and surface blend completely.

Seal it

Required in wet zones and heavy-duty areas. Use the PU sealer (supplied separately). Roll or brush it over all walls and let it dry for about 6–12 hours.

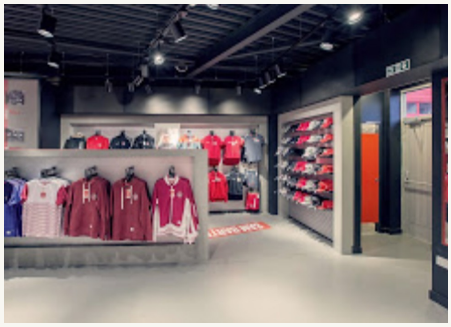




Your room is complete

Once the sealer has dried, bring in the furniture.







If something goes wrong

Problem	What to do
Air pockets or bubbles	Press them out with your hand, a pressure roller or a sponge. Keep checking until the whole surface is bonded.
Cracks at a folded corner	Warm the fold with the heat gun before you bend it: lowest setting, no more than 10 seconds on the same spot. Use contact adhesive.
Joints and rolls differ in colour	Harmonise them with a water-based colour wash (plain colours) or a matt black wash (Black Slate, Fire Plank).
The material won't stick	Check that the wall is dry, stable, clean and primed if needed (step 1), and that glue is on both the wall and the back of the roll (step 3).

Stay safe

- Wear gloves and eye protection when you cut.
- Switch the power off before working around sockets and switches.
- Wear a dust mask when you sand, and ventilate the room while you seal.

Tips and videos

Scan the code for installation tips and videos on YouTube.

Watch the videos →

Playlist: XSTONE EASY INSTALLATION

Questions? We're happy to help.

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Stone character. Freedom of form.

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