



ALCOLIN EXTERIOR CRACKFILLER

Description

ALCOLIN EXTERIOR CRACKFILLER is an off white cement-based product designed with anti-s slump properties for repairing, filling, sealing and weatherproofing cracks. It contains additives, which improve both water resistance and workability. ALCOLIN EXTERIOR CRACKFILLER has been specially formulated to provide low shrinkage characteristics over a wide gap width range. Once dry it may be sanded and painted over to achieve the desired finish.



Features & Benefits

- Low shrinkage
- Good anti-s slump / non-sag properties
- Excellent workability
- Good water resistance
- Good sanding and painting properties
- fills up to 10mm gaps
- easily applied to vertical surfaces
- easy to spread and smooth
- can be used indoors and outdoors
- easy to achieve desired finish

Applications

- Ideal for interior and exterior use
- For repairing cracks and cavities in vertical concrete, stone, stucco, cement rendering or masonry block surfaces up to a width of 10mm

Limitations

- Not suitable for repairing structural faults (foundation movement).
- Not suitable as a skimming plaster.
- Not suitable for repairing cracks on flexible surfaces – use a more flexible crack filler such as ALCOLIN LITEFILL.

Safety instructions

ALCOLIN EXTERIOR CRACKFILLER contains cement, which is alkaline and may cause skin irritation. Wear rubber gloves. In the event of skin contamination, rinse thoroughly with cold water. Seek medical assistance if irritation or discomfort persists. Avoid contact with eyes. Do not ingest. Allow any unused product to dry before disposing of the container. Do not empty into drains.

Keep ALCOLIN EXTERIOR CRACKFILLER away from children and pets!

Refer to our Material Safety Data Sheets for further toxicological information and comprehensive handling instructions.

Surface preparation

- Ensure surfaces to be filled are clean, dry and free of dust and grease.
- Nail heads, unless non-rusting, should be touched with paint or ALCOLIN PERMOBOND prior to applying the crack filler.
- Smooth cracked area with a utility knife or similar tool, cutting away any jagged edges to form a “v” shape.
- **Narrow cracks** - dampen the area first with a spray bottle and water. Hairline cracks, small blemishes and indentations should be widened using the above procedure.
- **Gypsum surfaces, friable and chalking surfaces, and wide cracks** - prime with diluted ALCOLIN PERMOBOND, 1 part ALCOLIN PERMOBOND to 3 parts water.

Directions for use

Mixing

1. Add ± 3 parts of ALCOLIN EXTERIOR CRACKFILLER to 1 part of clean cold water by volume.
2. Mix to a smooth lump free paste.
3. Allow mix to stand for 5 minutes.
4. Remix before use. **DO NOT ADD MORE WATER.**
5. Do not mix more adhesive than can be used within 1 hour.

NOTE: For enhanced adhesion, flexural strength and water resistance in particularly difficult conditions and for wide joints, replace the water addition rate for ALCOLIN EXTERIOR CRACKFILLER with diluted ALCOLIN PERMOBOND – dilute 1 part ALCOLIN PERMOBOND with 3 parts water.

Application

1. Apply crack filler mixture to the surface to be filled and work it into the crack with a lightly wetted putty knife or trowel. Ensure that the crack is completely filled to slightly above the level of the surrounding surface.
2. Excess crack filler must be worked away from the crack and smoothed off with a lightly wetted putty knife or trowel to avoid any excess crack filler from hardening in undesirable areas.
3. Clean the putty knife regularly with a damp cloth, which will ensure a smooth lump-free finish.
4. For cracks in excess of 10mm in depth, a gradual build-up of two or three layers of 4 - 5mm in thickness may be required. Ensure that each preceding layer has dried completely before applying the next layer.
5. All repaired cracks must be allowed to dry for 24 hours before sanding and painting.
6. For exterior applications ensure that the repaired crack is protected from the elements for the first 24 hours (direct sunlight, wind and rain).

Useful tip

Use an 80 - 100mm wide flexible putty knife to feather the edges of the patch to approximately 60mm on either side of the crack. This will make the crack less noticeable to the eye. Note using a smaller knife will tend to gouge the substrate.

Cleaning

- Tools can be cleaned with water.

Storage stability

ALCOLIN EXTERIOR CRACKFILLER must be kept in normal, dry conditions and protected from damp. The product has a shelf life of approximately 9 months if stored, as described above, in its original sealed moisture tight container.

Product packaging

- 500g carton
- 2kg carton
- 10kg carton

Product data

i. Physical data

Type	Cement based
Moisture resistance	Good
Moisture resistance with Alcolin Permobond	Very good
Temperature	Resistant up to 90°C
Mixed weight	± 1.8 kg per litre

ii. Application data

Optimum gap width	2 – 10mm
Final setting time	± 24 hours at 20°C and 50% humidity
Pot life	± 1 hour at 20°C and 50% humidity
Pot life with Alcolin Permobond	45 – 60 minutes
Tools	Utility knife, putty knife / trowel
Optimum gap width	2 – 10mm

The above information is only offered, as a guide to the use of this product. Furthermore, users should satisfy themselves that it is suitable for their needs. Since we have no control over the conditions under which it is used, we cannot accept responsibility for problems caused by the use and/or application of this product.

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