



ALCOLIN PERMOCRETE FAIRING COMPOUND

Description

Alcolin Permocrete Fairing Compound is a single component fine textured, high strength cementitious mortar developed specifically for the repair of damaged or unsightly concrete where only a thin decorative layer is required. The specially selected cements and polymers contained in the product produce a rapid setting mortar with exceptional adhesion to concrete and masonry materials. It dries to a smooth off shutter mortar type finish with good aesthetics that can be left as is or painted. Alcolin Permocrete Fairing Compound is suitable for both interior and exterior applications.



Features & Benefits

- Excellent workability
- Sets in 8 hours
- Polymer reinforced
- Fine texture
- High strength
- Shrinkage compensated
- easy to smooth and feather
- jobs can be completed in a day
- excellent adhesion to concrete and masonry
- smooth off shutter finish
- suitable for durable repairs to concrete
- resists cracking on setting

Applications

Permocrete Fairing Compound is suitable for the repair of damaged or unsightly concrete (honey combing and surface undulations etc.) and can be used for horizontal, vertical and overhead patching. Product can be applied up to 3mm thick down to a feather edge. Suitable for interior and exterior applications.

Adhesion

Excellent adhesion to cement and concrete surfaces with no primer required prior to application.

Limitations

- Do not apply externally when there is a risk of rain or frost within six hours after application.
- Working in direct sunlight, temperatures exceeding 35°C and strong winds will result in premature drying of the product. Working in temperatures below 10°C will retard setting.
- Not suitable for application onto friable and chalking surfaces.
- Not suitable for use in areas subject to rising damp or in permanently wet conditions.
- Do not apply over structural or movement joints.
- Do not exceed a thickness greater than 3mm on application.

Safety instructions

Alcolin Permocrete Fairing Compound is non-toxic, however the cement component is alkali in nature, and it is therefore advisable to wear rubber gloves in order to avoid direct skin contact. In the event of skin or eye contact, rinse thoroughly and immediately with water. Seek medical assistance if irritation or discomfort persists. Keep out of reach of children! Refer to our Safety Data Sheets for further toxicological information and comprehensive handling instructions.

Surface preparation

- Site conditions should comply with the latest SABS Standards editions: SABS 021 (Code of Practice for the Waterproofing of Buildings including damp-proofing and vapour barrier installation), SANS 10109-2:2004 (Concrete Floors Part 2: Finishes to concrete floors).
- Surfaces must be firm and free of dust, mould, oil, grease, wax polish and organic growth.
- **Cement-based plaster and screeds** must be at least 2 weeks old and concrete surfaces at least 4 weeks old to avoid excessive movement due to shrinkage.
- **Painted, Gypsum plastered and Bitumen Coated** surfaces need to be cleaned either chemically or sand blasted (preferable). If chemicals have been used, surfaces should be thoroughly flushed to remove their traces. If compressed air is used for sand blasting etc. ensure there is no oil contamination.
- **Smooth surfaces** such as power floated and off shutter concrete, any laitance must be roughened/removed by means of sand blasting or acid wash in order to provide adequate keying. This should be followed by rinsing thoroughly with clean water.

Note: If there are any doubts about the suitability of the substrate, condition tensile pull off tests should be performed.

Directions for use

1. Dampen the surface thoroughly, especially if very porous before applying Alcolin Permocrete Fairing Compound.
2. Use a mechanical mixer such as a slow electric drill fitted with a suitable paddle.
3. Add 7L water to a bucket and with continuous stirring, slowly add the powder content of the 20kg bag to the bucket.
4. Mix thoroughly to form a paste type consistency.
5. Allow to stand for approximately 5 minutes.
6. Remix immediately before use.
7. If the mix is a little stiff, a small amount of water can be added to adjust the working properties.
8. Use a clean, rust free, smooth edged trowel to apply approximately a 1-3mm thick layer of product ensuring full coverage of the substrate is always achieved. This should be accomplished with as few strokes of the trowel as possible. Over troweling will result in surface defects and blemishes.
9. The product must be allowed sufficient setting time before final profiling.
10. The surface may be lightly wetted prior to final polishing/smoothing using the trowel (do not over wet).

TECHNICAL DATA SHEET

Cleaning

Tools can be cleaned with water and soap when adhesive is still wet. Allow any unused product to dry before discarding in a suitable container.

Storage stability

Alcolin Permocrete Fairing Compound must be kept in normal, dry conditions and be protected from damp. The product has a shelf life of approximately 9 months if stored, as described above, in its original sealed packaging.

Product packaging

20kg bag

Product data

I. Physical data

Type	Cement mixture
Appearance	Fine grey powder
PH	~11
Solids	100%

II. Application data

Pot life	± 40 minutes at 25°C and 50% humidity
Initial set	~4 hours at 25°C and 50% humidity
Final set	~8 hours at 25°C and 50% humidity
Water ratio	7L per 20kg bag
Coverage/20kg Bag	Approximately 5-6m ² at a 3mm thickness

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.

Head Office: +27(0)21 555 7400
1 Beverley Close, Montague Gardens
PO Box 37008, Chempet, 7442
www.alcolin.com

