

## PRIMER FAIR FACE REPAIR

### High-Performance Bonding Primer for Fair-Faced Concrete Repair

Fair Face Cementitious Material is a specialized, engineered formulation designed for casting architectural concrete elements where the finished surface will remain permanently exposed, requiring a smooth, uniform, and aesthetically superior finish without the need for additional coatings or paints. It achieves the highest standards of visual and structural integrity for visible concrete.



## PRODUCT DESCRIPTION

**PRIMER FF RAPAIR** is a one-component, polymer-modified, cementitious bonding primer. It is designed to provide a superior, high-strength interface between existing concrete substrates and repair mortars .

This primer enhances adhesion, reduces permeability at the critical substrate-repair interface, and ensures a durable, long-lasting repair by preventing delamination. It is free from chlorides and other corrosive elements.

## FIELDS OF APPLICATION

**PRIMER FF RAPAIR** is used to prepare sound, clean concrete substrates prior to the application of:

- Fair-faced concrete repair mortars.
- Thin-layer rendering and plastering systems.
- Levelling and patching compounds.
- Structural and non-structural concrete repairs.

## ADVANTAGES & BENEFITS

- **Exceptional Bond Strength:** Creates a high-strength mechanical and chemical bond.
- **Bridge-Building Properties:** Allows application of repair mortars on thin edges.
- **Reduced Permeability:** Seals the substrate to minimize moisture migration.
- **Compatibility:** Formulated for optimal performance with FF RAPAIR and other cementitious repair materials.
- **Easy Application:** Can be applied by brush or roller.
- **Environmentally Compliant:** Low VOC content.





# PRIMER

ADMIXTURE AND CONSTRUCTION MATERIAL



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## TECHNICAL DATA (Based on EN Standards)

Property	Test Result	Test Method
Consistency (as supplied)	Viscous liquid	Visual
Color	Grey	Visual
Application Temperature	+5°C to +35°C	-
Pot Life (after mixing)	~ 60 minutes	-
Tack-Free Time	~ 2 - 3 hours (at +20°C, 50% R.H.)	-
Tensile Bond Strength (28 days)	≥ 2.0 N/mm <sup>2</sup> (on concrete)	EN 1542
Compressive Strength (28 days)	≥ 15 N/mm <sup>2</sup> (of cured primer)	EN 12190
Chloride Content	< 0.05%	EN 1015-17
VOC Content	< 30 g/kg	EN ISO 11890-2

Results obtained under standard laboratory conditions (23°C ± 2°C, 50% ± 5% R.H.).

## SURFACE PREPARATION

The substrate is the most critical factor for a successful repair. It MUST be:

- **Sound and Load-Bearing:** Remove all unsound, loose, spalled, or contaminated concrete by mechanical means (e.g., scabbling, grinding).
- **Clean:** Free from dust, oil, grease, laitance, form release agents, and old paint. Use high-pressure water jetting or sandblasting.
- **Profiled:** The surface must be rough and open-pored (CSP 3-5 as per EN 1766).
- **Pre-moistened:** Saturate the substrate with clean water until it is saturated-surface-dry (SSD) – damp but with no free water on the surface. This is crucial to prevent the dry substrate from sucking moisture from the primer too quickly.

## APPLICATION

**Mixing:** Stir the product mechanically before use. Do not add water.

**Application Method:** Apply a continuous, unbroken layer using a stiff brush, broom, or short-pile roller.

**Coverage Rate:** Approximately 0.2 - 0.3 kg/m<sup>2</sup> (depending on substrate porosity and surface texture).

**Application in Two Coats:** For highly absorbent substrates, a second coat may be applied once the first coat has become tacky (touch-dry).

For any Further Technical Information including SDS, CE labels and Certificates of conformity don't hesitate to contact our QA/QC Department.  
We remain at your disposal.

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## CURING

Once the repair mortar is applied, cure the entire system as recommended for the mortar product (e.g., by misting with water and keeping moist for several days as per **EN 13687**).

## HANDLING & STORAGE

**Shelf Life:** 12 months in original, unopened packaging stored in a dry place between +5°C and +35°C. Protect from frost and direct sunlight.

**Health & Safety:** Contains cement. May cause skin irritation and serious eye damage. Wear protective gloves, clothing, and eye/face protection. Do not breathe dust. Wash hands thoroughly after handling. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. See Safety Data Sheet (SDS) for full details.

## PACKAGING

Available in 20 kg paper bag.

## LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields.

The user of the product must test the product's suitability for the intended application and purpose. Primer Cy LTD reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request. It may be necessary to adapt the above disclaimer to specific local laws and regulations.

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