

FUERZA SURFACER

SINGLE-COMPONENT, POLYMER-MODIFIED FAIRING COAT

FUERZA SURFACER is a **single-component, acrylic-polymer-modified, cementitious fairing compound** available in **grey and white**. It is specifically formulated for **thin-layer application on concrete substrates** to provide a smooth, uniform surface prior to the installation of protective coating systems. The material can be applied as a scrape coat to rectify **surface irregularities up to 3 mm**, while effectively filling blowholes, pinholes, pores, and other minor surface imperfections. Its specially engineered polymer modification enhances adhesion and workability, while for **internal applications, additional curing is generally not required** under normal conditions.

ADVANTAGES

- **Cost-efficient solution** for concrete surface preparation and defect rectification.
- **Rapid application and reduced processing time**, enabling faster project completion.
- **Single-component formulation**, requiring only the addition of water for straightforward site application.
- **Primer-free application**, reducing preparation stages and associated material consumption.
- Provides **excellent adhesion and flexibility**, including on suitably prepared damp concrete substrates.
- **Factory-controlled, pre-bagged formulation** ensures consistent composition and minimizes on-site batching inaccuracies.
- **Chloride-free formulation**, reducing the risk of chloride-induced reinforcement corrosion.
- Suitable for application on both **new and existing concrete substrates**.
- Provides an effective **fairing and levelling layer** for correcting irregular and uneven concrete finishes.
- Effectively fills **blowholes, pinholes, surface voids, and localized honeycombing**.
- Suitable as a **skim coat prior to protective coatings and paint systems**, providing a uniform substrate for subsequent finishes.

TECHNICAL INFORMATION

Wet density:	1800 kg/m ³
Full cure:	28 days at 25 ± 2° C
Recommended thickness:	1-3 mm

APPLICATIONS

- **Surface Defect Rectification:** Treatment of minor imperfections, pores, and surface irregularities in concrete and masonry substrates.
- **Pinhole & Void Filling:** Filling of pinholes and minor surface defects prior to the application of protective or decorative coating systems.
- **Surface Reprofilling:** Uniform reprofilling and levelling of extensive concrete or masonry surfaces to depths of up to **3 mm**.
- **Thin-Layer Application:** Suitable for localized and large-area surface correction within an application thickness range of 0–3 mm.

INSTRUCTIONS FOR USE

Surface preparation:

The substrate must be **structurally sound, clean, and free from dust, loose or friable material, plaster, cement laitance, oil, grease, paint, and other contaminants**. For existing concrete, verify the integrity and stability of the substrate before application. Mechanically prepare the surface by **sandblasting, abrasive treatment, or stone rubbing** to remove laitance and expose a suitable, textured surface. Remove all residual dust using clean compressed air, followed by thorough pre-saturation with clean water. Any **standing or excess water must be removed** before application.

Mixing:

Prepare only the quantity of FUERZA SURFACER that can be applied within its workable period. Small quantities may be mixed manually, while a **forced-action mixer** is recommended for full-bag quantities. For partial-bag mixing, use approximately **3 parts powder to 1 part water by volume**, always adding the powder gradually into the measured water. Mix thoroughly until a uniform, lump-free consistency is achieved.

For a full **25 kg bag**, use approximately **7.0 ± 0.5 L of clean water**. Accurately measure the required water into the mixer, gradually introduce the complete powder content, and mix continuously for approximately **5 minutes**. Under elevated ambient temperatures, the water addition may be increased as required for workability, but must **not exceed 7.5 L per 25 kg bag**.

Application:

Apply FUERZA SURFACER only onto **properly prepared and thoroughly saturated substrates**, ensuring that no standing water remains. Apply using a **steel trowel**, from a feather edge up to a maximum thickness of approximately **3.5 mm**. For localized blowhole repairs, a maximum filling depth of **10 mm** is recommended. Blowholes, voids, and other significant surface imperfections should be filled and corrected before applying the material as a general fairing coat. Minimize excessive trowelling and allow the material to partially set before carrying out final finishing. During hot-weather application, store the product in a **shaded environment** and use chilled mixing water to improve workability and mixing characteristics.

Curing:

Due to the relatively thin application thickness, appropriate curing protection is essential to support proper hydration and prevent premature moisture loss. **Water curing is recommended for external applications and during hot or dry weather conditions**. Protect the treated surface using wet hessian covered with polyethylene sheeting for a minimum period of **3 days**.

Coverage:

Material consumption depends on the degree of substrate irregularity and the required application thickness. As a general fairing coat applied at approximately **2 mm thickness**, a 25 kg bag provides coverage of approximately **8 m²**, subject to substrate condition and application technique.

HEALTH & SAFETY PRECAUTIONS

FUERZA SURFACER is **not classified as hazardous under current applicable regulations**; however, standard precautions should be observed during handling and application. Avoid ingestion and direct contact with the **skin and eyes**, and wear suitable **protective gloves and safety goggles**. In case of skin contact, wash thoroughly with clean water. If the product enters the eyes, rinse immediately with plenty of clean water and seek medical attention. If swallowed, obtain **immediate medical assistance and do not induce vomiting**.

PACKAGING & STORAGE

FUERZA SURFACER is supplied in **20 kg bags**. When stored in its original, unopened packaging under **dry, covered conditions and protected from direct sunlight**, the product maintains a **minimum shelf life of 12 months**.

The information and recommendations above are given in good faith based on our current knowledge and experience of the products when properly stored, handled and applied in accordance with current best practice, national standards and our recommendations. As we have no control over site conditions or methods of application, no liability can be derived from the contents of this information sheet, or from any written recommendations, or from any other advice offered. The user of the product is solely responsible for the product's suitability for the intended application and is recommended to test the suitability prior to use. We reserve the right to change the properties of our products without notice. All orders are sold subject to our current terms of sale and delivery. With the publication of this Technical Information Sheet all previous editions are no longer valid.



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