



FORMCEM

Cementitious Systems

FILL 'N' RUB **Aesthetic Blemish Repair**

Description

Fill 'N' Rub provides a convenient method of filling blowholes and small surface defects in precast or cast insitu concretes, as well as providing an even, standardised colour and aesthetic finish. The active ingredients enhance the surface characteristics of the concrete, making it more durable and impermeable. This is achieved by the incorporation of hydrophobic additives and a special polymer into a Portland cement mix. The excellent adhesion and penetration characteristics of Fill 'N' Rub thus impart a high degree of water repellence to the concrete surface.

Benefits

- Ready to use; simply add clean water.
- Supplied in specific blend to match an average concrete grey.
- Complete compatibility with existing cured concrete properties.
- Complies with Clause 6, of DTp Standard BD 27/86 "Materials for the repair of Concrete Highway Structures".
- A durable and more impermeable repair and coating system giving increased protection against acid gasses, moisture ingress and chloride attack.

Application

Surface Preparation

Ensure area to be treated is clean and free from any deleterious substances. Any oils or greases, etc. can be removed using Degreaser and thoroughly washed down with clean water. Large surface defects and voids must be first filled with Fastapatch or Fastaplug (See relevant Data Sheets).

For normal applications use a mix ratio of 3.5 volumes of powder to 1 volume of clean water. Mix in a clean bucket until the resulting mortar is free from lumps and has a fluid consistency. Pigments may be added to allow matching of coloured concrete products but the water addition may require adjustment. Mix only sufficient Fill 'N' Rub that can be used within the 60 minute working life of the material. Remixing may be required during this period to prevent segregation.

Application

Apply by open textured sponge to the concrete surface, without 'pre wetting' using a circular motion to completely fill all blow holes and defects. As a final finishing process, before the material has hardened (5 to 10 minutes), wipe the surface with the dry sponge in a vertical direction removing any excess sand deposits. This will produce an even, high quality finish (if the sponge is drawn across the surface in a horizontal direction an uneven or streaky finish may be imparted).

Cleaning

Always keep equipment clean, washing off Fill 'N' Rub with water before it has set. If allowed to set, mechanical cleaning will be required.

Temperature Limitations

As with concretes, do not apply Fill 'N' Rub below 5°C without protection system.

Packaging

Sealed polybags inside:
8Kg self seal tubs
25Kg self seal tubs.

formworkdirect.co.uk
TEL:
(+44) (0)151 532 0179
EMAIL
sales@formworkdirect.co.uk



formworkdirectmalta.com
TEL:
+356 2124 4241
EMAIL
formworkdirect@polidano-group.com



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Storage

No precautionary label requirements. Store in dry conditions where possible and always reseal tubs after use. Fill 'N' Rub is supplied with double protection consisting of polybags and sealed tubs, ideally suited for transportation and storage even in the most difficult climatic conditions.

Health and Safety

The principle ingredient of Fill 'N' Rub is Portland cement, non-toxic but alkaline; Irritating to eyes, respiratory system and skin.

Risk of serious damage to eyes.

Keep out of reach of children.

In case of contact with eyes, rinse immediately with plenty of soap and water.

Wear suitable protective clothing, gloves and eye/face protection.

Separate Health & Safety Sheet is available on request.

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TEL:
(+44) (0)151 532 0179
EMAIL
sales@formworkdirect.co.uk



formworkdirectmalta.com
TEL:
+356 2124 4241
EMAIL
formworkdirect@polidano-group.com