

Description

Base Dura Crete FF40 is a one component acrylic polymer modified powder. When mixed with water Base Dura Crete FF40 produces a highly consistent, smooth, trowellable mortar.

描述:

贝斯杜拉克瑞特 **FF40**

是一种单组分丙烯酸聚合物改性粉料。

将 贝斯杜拉克瑞特 **FF40** 与水混合后，可生产出高度均匀、光滑、可抹涂的砂浆。

Applications

- Filling cracks in both interior and exterior concrete, masonry and plaster surfaces.
- As pore sealer and leveling mortar.
- To produce a uniform surface for subsequent paint finish.

Advantages

- Shrinkage controlled polymer modified cementitious repair mortar which reduces any potential cracking.
- Easy to apply, single component which requires only addition of water.
- Excellent adhesion to concrete, no independent primer or curing is required.
- Compatible with other types of protective coatings.
- Can be applied to small edge thicknesses.
- Suitable for internal and external applications.
- Cost effective, hand applied no formwork is required.
- Non-toxic.

Method of Use**Substrate Preparation**

Cut the cracks into 6 mm deep V-grooves. Clean the grooves thoroughly by brush and/or compressed air. The prepared area should be soaked with water immediately prior to the application of Base Dura Crete FF40.

Priming

No independent primer is required.

Mixing

To ensure proper mixing, a mechanically powered mixer or drill fixed with suitable paddle should be used. 1 kg of Base Dura Crete FF40 is added slowly to 250 - 300 ml of clean water, and mixed until a homogeneous mortar of smooth, creamy and trowable consistency is obtained.



To enhance the scratch resistance of Base Dura Crete FF40, an addition of Cempatch SBR is advisable. 50% of the total mixing water shall be replaced by Cempatch SBR.

攪拌

为确保充分搅拌，
应使用装有合适桨叶的电动搅拌器或电钻。
将1公斤的 贝斯杜拉克瑞特 FF40缓慢加入250-300毫升的清洁水中，搅拌至获得均匀、光滑、呈奶油状且可抹涂的砂浆稠度。

为提高 贝斯杜拉克瑞特 FF40 的抗划伤性能，
建议添加 贝斯杜拉克瑞特 FF40 。
总搅拌用水量的50%应由贝斯杜拉克瑞特 FF40 替代。

Technical Properties

Working life:	40-60 min @ 25°C 20-40 min @ 35°C
Setting time:	2-3 hr
Colour:	Grey & White
Coefficient of thermal expansion:	$6.5 \text{ to } 12 \times 10^{-6} \text{ m/}^{\circ}\text{C}$
Mixed Density:	$1.85 \pm 0.1 \text{ g/cm}^3$
VOC:	<20g/ltr

Placing and Finishing

Fill the prepared cracks tightly with the mortar using a small trowel or putty blade and finish to a level surface. Remove excess mortar with clean moist sponge or soft cloth before drying.

Cleaning

All tools should be cleaned immediately after finishing with water. Hardened materials can be cleaned mechanically.

Packaging

Base Dura Crete FF40 is available in 0.5 and 1 kg packs.



Yield

1 kg will fill approximately 30 - 40 m length of cracks cut into 6 mm deep V-grooves.

Storage

Base Dura Crete FF40 has a shelf life of 6 months from date of manufacture if stored at temperatures between 2°C and 50°C. If these conditions are exceeded, Base Technical Department should be contacted for advise.

Cautions

Health and Safety

As a powder containing Portland cement, Base Dura Crete FF40 may cause irritation to skin or eyes. In case of accidental contact with eyes, immediately flush with plenty of water for at least 10 minutes and seek medical advise if necessary.

For further information refer to the Material Safety Data Sheet.

Fire

Base Dura Crete FF40 is non-flammable.

More from Base Construction Products

A wide range of construction chemical products are manufactured by Base which include:

- Concrete admixtures.
- Surface treatments.
- Grouts and anchors.
- Concrete repair.
- Flooring systems.
- Protective coatings.
- Sealants.
- Water proofing.
- Adhesives.
- Tile adhesives and grouts.
- Building products.
- Structural strengthening.
- Cool Roof Solar Chip.

