



Technical Data Sheet

CreteFix™ Patching & Anchoring Compound



Product

CreteFix™ is a fast setting polymer modified cement based compound, which provides high strength and adhesion to substrate.

Usage

Industrial and Domestic for patching, cracked or damaged concrete, floors, driveways, decks, curbs and also brickwork. It is water resistant grout for barbecues and furnaces. Great for vertical surfaces. As anchoring grout for bolts, pots, rods, pipes, wrought iron and machinery.

Advantages

- ▶ High strength adhesion to masonry surfaces
- ▶ Non Shrink
- ▶ Very low water absorption
- ▶ Easy to mix and apply
- ▶ Fast setting
- ▶ Sets harder than concrete in 28 days
- ▶ Solvent free

Surface preparation

Concrete surfaces

Ensure the surface be free from all foreign matters, grease, fungus, sealer, dust, loose and flaking concrete. **To remove grease and oil stains:** wet area with hot water, then apply Cleanall scrub with a broom on and around area. Allow to sit 5 minutes, and then pressure wash. **To remove moss or fungus:** dilute bleach 1 to 10 parts water in a watering can, apply over the surface and allow to sit for a minimum of 2 hours, then high pressure wash completely. Repeat if necessary. If the surface has been sealed, this should be stripped off using Sealer Stripper. For extremes of repair, area must be recessed at least 5mm to avoid feather edging. Thoroughly wet and scrub the area immediately prior to applying. Prime area with 2 parts water to 1 part of Allbond®. When anchoring, make the hole a minimum of twice the diameter of the bolt, rod or post.

Exposed Steel

Corroded steel should be cleaned to a bright new like condition. Grit blasting is recommended. If corrosion exists give a high pressure wash after grit blasting.

Mixing

As CreteFix™ may have settled, it is advisable to aerate by hand prior to use. CreteFix™ sets rapidly therefore do not mix more than can be applied within 20 minutes. A small test mix is highly recommended. Always add powder to water. Approximately 5lts of water per 20kg for Vertical or Overhead, 6lts of water per 20kg for horizontal. Do not over mix as material sets quickly. If extra water is needed, it is to be added in the first few minutes. Mix to a mortar consistency.

Course aggregate can be added by up to 30% by weight when exceeding 30mm thickness. Aggregate must not be greater than half the depth of the patch and must be mixed with the powder before mixing with water. When bonding to non porous surfaces, metal surface and when curing is not possible in hot dry conditions, replace a litre of water with a litre of Allbond®.

Application

Exposed steel: apply a paint consistency mix of CreteFix™ over prepared reinforcing rods and the area to be patched, ensuring all the steel is covered. Place the mixture firmly into the patch using a spatula or trowel and tamp the mixture to avoid air pockets. Single layer thickness patching is dependent on material consistency and substrate profile. Normal thicknesses are 30mm on vertical surfaces and 20mm on ceilings. Subsequent layers must be applied immediately after initial set of preceding layer. If an extended period between layers are inevitable the preceding layer should be mechanically keyed and primed.

Patching in layers: CreteFix™ has a working time of approximately 20 minutes and must be placed and levelled within this time. Apply successive 10 to 30mm layers. Reprime with Allbond® between each layer within no more than 20 minutes between the coat/s, which has been cooled with water and the surface roughed. Steel trowel the finished CreteFix™ and cool down the cure of the surface for 45-60 minutes with water or wet Hessian. If a smooth finish is required, use a wet trowel for the final finish.



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Coverage	Approximately 15sq mtrs at 1mm thickness per 20kg
Equipment	Bucket, Mechanical Spiral Mixer, Spatula, Trowel. All to be washed with water.
Package	1kg, 10kg, 20kg pails
Curing	Moist Curing is essential to obtain maximum strengths. Cure the surface with fog spray for the first 24 hours and keep the surface wet for 6 days. The longer the cure, the greater the strength.
Shelf life	Approximately 12 months, providing stored correctly and unopened
Storage	Store in a well protected dry area
Handling	Avoid contact with skin and eyes, wear gloves and eye protection Do NOT breathe in dust, wear a dust mask complying with AS1715
Properties	Appearance: Cement colour powder Solubility water: Soluble
Performance	Hardness / Compressive Strength: 33MPA at 28 days Adhesion Strength: 3MPA

Important Note:

The information given on this data sheet is based on many years experience and is correct to the best of our knowledge. However since the use of our product, surface conditions, weather and a number of other factors are completely beyond our control, we can only be responsible for the quality of our product at the time of dispatch. For more information please contact our Company. As this information is of a general nature, we cannot assume any responsibility in individual cases.

Disclaimer: Warranty and Limitation of liability:

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