

QUICK PATCH

Product Description

QUICK PATCH is a one component, polymer modified, cementitious repair mortar specifically designed for the patching and repair of concrete floors, precast, tilt slabs and masonry surfaces. It contains specially graded very fine aggregates and Cemix proprietary admixtures.

Recommended Uses

Quick Patch is used as a thin layer repair, levelling and protective sealing mortar on concrete, mortar and masonry surfaces. It is recommended for all areas requiring filling honeycombed or surface damaged concrete and levelling off surface imperfections caused by faulty formwork etc.

Advantages

- QUICK PATCH is a single component pre blended powder, simply add water and mix.
- Very thin layer application capability.
- Excellent bond strength and good substrate adhesion.
- Good resistance to water and chloride ion penetration.

Technical Data

Wet Density: 2.00 to 2.10kg / Litre
Compressive Strength: 28 Days 30mPa
Pot Life: 30 minutes approx. at 20° C.
Application temp: 5° C to maximum 30° C
Application thickness: 1.0mm – 3.0 mm
Mixing ratio by weight:
1 kg of product: 0.230 Lites water.
Coverage: 10 Kg bag with 2.3 litres of water would cover approximately 4 sq metres

Note: As Quick Patch is fast setting, only mix as much product as can be used in 10 minutes.

Packaging

QUICK PATCH is supplied 5, 10 and 20kg Multi wall paper bags. Keep Dry and ensure that it is used prior to the expiry date printed on the bag.

Water demand

Mixing ratio by weight:

4.6 Litres water to 20 Kg of product.
2.3 Litres water to 10 Kg of product
1.15 Litres water to 5 Kg of product

Preparation and Application Details

All Concrete surfaces are to be free from all oil, grease, loose weak and friable material or anything that will inhibit bond to the substrate. Mechanical methods of preparation such as scabbling, grit blasting, captive shot blasting, needle gunning or similar are ideal methods to ensure excellent mechanical adhesion. Any existing paints or coatings must be completely removed.

All Concrete surfaces should be Saturated Surface Dry (SSD) condition where possible. i.e. saturated surface with no free standing water prior to application of the product

Mixing

Pour the required amount of clean fresh water into a suitable mixing container and add the contents of the bag slowly, being careful not to cause the material to clump, while mixing with a slow speed electric drill (less than 600rpm) with mixing paddle. DO

NOT ATTEMPT TO MIX THIS MATERIAL MANUALLY. Mix thoroughly until a smooth, lump free consistency is achieved (normally mixing time 3 minutes at 20°C is recommended).

Application

Apply the mixed QUICK PATCH to the prepared substrate by steel trowel from 1mm to 3mm thickness and allow partially set before finally trowelling to a smooth finish.

Cleaning

Clean all tools with water and brush immediately after use.

Storage

Store all cement products in a cool dry area and use within 6 months.

WARNING

Risk:

Cements may cause respiratory, skin and eye irritation. Wet cement can be irritating and corrosive to eyes and skin; and may cause skin sensitization(dermatitis). Repeated inhalation may cause bronchitis, silicosis and lung cancer and increase risk of scleroderma.

Safety:

Avoid contact with eyes and skin, both from wet and dry mix. Do not breath in dust. Wear suitable protective clothing, gloves, eye protection and barrier cream. Wear a suitable dust mask. Wash thoroughly after handling and properly store any leftover material.

First Aid:

Irrigate eyes with plenty of water and seek medical advice immediately.

Spills/Leaks

Keep out of sewers and stormwater and dispose off any leftover as trade waste in accordance with local authority guidelines.

Additional info can be had from the brochures or calling 0800 ASK CEMIX.

Disclaimer:

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