



Sovereign
the gold standard in building products

Technical
Data Sheet **151**

Sovereign Hey'di Rapid Mortar

A quick setting grouting/patching material for the repair, restoration and protection of concrete and masonry.



Product Code
30127751

Description

A quick setting cement based powder which, when mixed with water, becomes a versatile grouting/patching material for the repair, restoration and protection of concrete and masonry.

The Sovereign Hey'di tanking system is fully covered by British Board of Agrément Certificate 91/2608.

Form Supplied: Dry Powder

Pack Size: 15kg

Colour Range: Grey

Contains: Blend of cement and speciality additives



Properties

Because it contains neither chloride nor soda, it is ideal for protecting ferrous materials from rust and corrosion when anchoring (machinery equipment, etc.). Has excellent structural strength and after setting becomes extremely durable, hard, dense and watertight.

Hey'di Rapid Mortar is used in conjunction with Sovereign Hey'di Tanking Systems.

Where lots of fixings are involved consideration should be given to using Hey'di Rapid to fix boards onto the walls to minimise interruption to the tanked system.



USAGE/PREPARATION

Hey'di Rapid Mortar can be used for filling cracks, general repair work on concrete and masonry, anchoring machinery, equipment pipe work and fixtures, sealing caulking grooves between concrete tunnel lining segments that are under hydrostatic pressure forming "shoulders" for expansion joints.

The addition of Hey'di Bonding Agent into the mixing water, in the ratio of 1 part Hey'di Bonding Agent to 3 parts water, assures greater flexibility and increases flexible strength when anchoring heavy equipment or vibrating machinery.

SOVEREIGN LAB TEST RESULTS

A common clay brick was drilled either side to approximately 37 mm. Hey'di Rapid Mortar was mixed with neat Hey'di Bonding Agent and was then used to hold engineering bolts in place with each hole. Bolts were slid into place with negligible slump with threaded end outwards.

After 72 hours the bolts were tensile tested and the brick failed at 6.5 N/mm² (1460 pounds force). The bolts were still adhering.

INDEPENDENT TEST RESULTS

Compressive Strength (N/mm²) ASTM C-109

30min:	6.9
1 day:	12.6
3 days:	22.8
7 days:	31.9
28 days	35.2

Storage: Between 5°C - 30°C above ground in dry conditions.

Shelf Life: 12 months in unopened container.

HEALTH AND SAFETY

- ! Contact between cement powder and body fluids (e.g. sweat and eye fluids) may cause irritation, dermatitis or burns.
- ! There is a risk of serious damage to eyes. Wear suitable protective clothing, gloves and eye/face protection.
- ! In case of contact with eyes, rinse immediately with plenty of clean water and seek medical advice.
- ! After contact with skin wash immediately with plenty of clean water.



Health & safety information
available on request



Important Disclaimer

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