



CONCRETE REPAIR PRODUCTS
112 A NARRACAN DR
NEWBOROUGH 3825
PHONE 0418367454
E - MAIL kencrp@bigpond.com
www.concreterepairproducts.com.au

Stayput HBohv

Thixotropic 'Overhead & Verticle' High Build Repair- Construction Mortar / Render

PRODUCT DATA SHEET

DESCRIPTION

Stayput HBohv is a balanced blend of sand, cement and active chemical components to be mixed with water to create a thixotropic, rheoplastic and non segregating mortar to repair damaged or spalling concrete surfaces.

Stayput HBohv is synthetic fibre reinforced, chemical resistant compound of high strength which bonds strongly to steel and concrete substrates.

USES

Repair of damaged concrete structures such as bridges, roads, pipes, marine constructions and other reinforced and prestressed concrete where a depth of 5mm - 50 mm is required.

BENEFITS

- overhead, vertical and horizontal applicable
- excellent workability
- sulphate resistance
- shrinkage compensated
- high mechanical strengths
- highly impermeable
- sprayable
- no added chlorides
- excellent abrasion resistance and durability
- product, when correctly applied, has a life greater than 10 years

PROPERTIES

- **waterproof according to DIN 1048**
- **compressive strength:**
14.5 MPa in 1 day and 52.1 MPa in 28 days
- **flexural strength:** 5.5 MPa in 28 days
- **bond Strength:** 3.2 MPa in 28 days
- **crack resistant** according to 'Ring Method'

INSTALLATION (Refer to MSDS before use)

Surface Preparation

Remove any existing coating, and thoroughly clean surface, pressure wash then hose to fully impregnate with water and allow to dry achieving a wet dull lustre, free of puddles.

Priming: (Recommended)

The clean damp substrate can be primed with a slurry brush coat of **Stayput HBohv** (3 parts powder to 1 part water).

Mixing Equipment: Low Sheer Mechanical Mixer

Mixing instructions

Place the minimum required amount of water in a clean mixing bucket and while mixing slowly gradually add the **Stayput HBohv**, and, if necessary, additional water, until a mix of the desired workability is obtained. Mix for a further 2 – 4 minutes. Use within approximately 40 minutes..

The normal water requirement is 3.0-4.0 L per 20 kg pail of **Stayput HBohv**.

Application

Apply the **Stayput HBohv** as you would use standard render techniques, whether by trowel or spray.

Curing:

At normal ambient conditions the surface of **Stayput HB;OHV** will not crack or craze due to plastic shrinkage. To achieve optimum result, cover the surface with plastic sheet for 24 hours.

PACKAGING, SHELF LIFE and STORAGE

Stayput HBohv is available in 20 kg plastic pails.

Stayput HBohv has a shelf life of 12 months if kept in pails in dry store.