



Technical Data Sheet

CEMPATCH N

Polymer Modified Cementitious Repair Mortar

Advantages:

Prepacked, easy to use

High strength

Excellent adhesion

Protects steel reinforcement

Vertical or horizontal application

Product:

CEMPATCH N is a prepacked two component, polymer modified cementitious repair system – Primer and Over Lay

Purpose:

Designed for cost effective repairs to spalled or damaged concrete and floors.

Usage:

CEMPATCH N Mortar (25 kg + 3 kg liquid polymer) yields 11.1 litres.

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DESCRIPTION:

CEMPATCH N is a prepacked two component system consisting of ready to use polymer modified mortar and polymer modified primer. The mortar contains specially processed cements and polymer with graded fillers and additives to impart adhesion, strength and weather resistance.

USE:

CEMPATCH N used in conjunction with CEMPATCH PRIMER is designed for repair to spalled or damaged concrete, precast floors and roads. Also as a render where durability or increased water resistance is required.

CEMPATCH N is ready to use for easy on site mixing. The mortar can be laid in thickness of 10-25 mm in single application and exhibits good workability and finishing properties.

CEMPATCH N has excellent adhesion to substrate and exhibits excellent bond and weather resistance thus leading to increased durability and also resists shrinkage induced cracking. CEMPATCH N is chloride free.

HOW TO USE:**Surface Preparation:**

Substrates should be mechanically prepared by grit blasting or scabbling to produce a clean rough exposed aggregates for better mechanical key. Loose particles, dust contamination must be removed and surface flooded with water to allow for maximum absorption.

The exposed steel, if any, should be thoroughly cleaned by abrasive means and all edges must be cut back to a thickness of 10 – 15 mm.

Priming:

After ensuring there is no surface water present on the prepared surface, CEMPATCH PRIMER is applied in a single even coat application ensuring all corners, crevices, joints are fully covered. Alternatively, the following can also be used as

Bonding Agents. Quickmast 108 (Epoxy

BondingAgent) or Setcrete SB (Acrylic Polymer Modified Slurry) as per site condition.

PROPORTION: (1kg cement : 500 gm Setcrete SB) with required water for brushable consistency.

Mixing and Laying of CEMPATCH N:

CEMPATCH N should preferably mixed using a paddle attached to an electric drill. Place the liquid polymer into the container and slowly add the powder whilst continuously mixing to obtain a homogeneous mix.

Laying:

Apply the mixed CEMPATCH N to the previously primed surface whilst tacky and trowel firmly to good compaction to the existing profile at a maximum thickness of 25 mm at a time. Multiple applications will be necessary for thicker sections (more than 25 mm).

Curing:

Cover the repaired areas with a polythene sheet for atleast 15 hours before water ponding or curing by wet hessian carried out.

Cleaning:

All tools must be cleaned with water immediately after use.

Packing:

CEMPATCH N – 25 kg HDPE bags + 3 kg liquid polymer (yields 11.1 litres).

HEALTH & SAFETY:

CEMPATCH N is mildly alkaline and any splashes should be washed off with water.

HOW TO SPECIFY:

CEMPATCH N polymer modified repair mortar in conjunction with CEMPATCH PRIMER shall be used for all repairs to structures in accordance with the instructions of **Don Construction Chemicals India Ltd.**

ADDITIONAL INFORMATION:

Separate data sheets are available for QUICKMAST 208 repair mortar, QUICKMAST 108 bonding agent, QUICKMAST 301 epoxy floor scre

The information given in this data sheet is based on both current development work and many years of field experience. Whilst every effort is made to ensure that the information is reliable, we cannot accept responsibility for any work carried out with our materials as we have no control over methods of application, site conditions, etc.

In view of the continuing research and development being undertaken in our laboratories, we advise customers in their own interest to ensure that this data sheet has not been superseded by a more up-to-date publication. All products are sold subject to our standard conditions of sale which are available on request.

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