

RAPID REPAIR X

ACRYLIC RAPID REPAIR MORTAR (Single and 2 Component)

DESCRIPTION:

RAPID REPAIR X is a acrylic rapid repair mortar available in single and two component. It is specially formulated for very quick repairs within a very short time and traffic could resume within the hour. It is workable and can be used below sub zero temperature upto -25°C. It achieves full strength within a short time hence can be used where little or no down time is available.

ADVANTAGES :

- ✓ Can be used below -25°C.
- ✓ Minimum down time.
- ✓ Good bond to all concrete masonry surfaces.
- ✓ No primer required.
- ✓ Unaffected by frost and wide temperature fluctuations.
- ✓ Very high early compressive and flexural strength.
- ✓ Excellent for horizontal and vertical surfaces. It can be used in varying thickness.

AREA OF APPLICATIONS:

This rapid cure mortar can be used at all places where there is no downtime available. Concrete floors in various factories having heavy traffic, loading decks, good for cold storages without shutting down, quick and strong repairs to staircase of concrete, marbles or granite, Expressways, highways, ramps, driveways, bridge decks, aprons, and runways, large tanks, reservoirs, sumps, aqueducts etc.

SPECIFICATIONS:

Colour	Grey
System	Single component
Application temp	-25°C to +25°C max
Compressive Strength	
2 Hours	>10 N/mm ²
24 Hours	>50 N/mm ²
7 days	>60 N/mm ²
Working time	15-20 mins

PREPARATION

Breakout and remove all concrete designated as being defective, loose and unsound, using suitable mechanical equipment. Ensure sufficient concrete is removed from around reinforcement to allow priming and compaction of the repair material. At the repair locations, feather edging should be avoided. The edges should be square cut to at least the recommended minimum application thickness of the repair material. Where a saw cut is employed, the substrate should be roughened mechanically to provide a 'key' between the repair mortar and substrate.

METHOD OF APPLICATION:

Use force action mixer to mix mortar with water. Stir continuously for at least 3 mins to achieve uniform mixture. The mixed mortar must be worked well into the wet primed substrate by gloved hand or trowel, filling all voids ensuring full encapsulation around exposed reinforcement. Compact well. Apply in layers to the maximum application thickness and allow reaching initial set.

STORAGE:

Store in a cool dry place away from water or humid conditions.

SAFETY PRECAUTIONS:

Use mixed material with pot life provide eyes protection and gloves. Do not smoke in the vicinity.

PACKING :

25 Kgs pack.

WARRANTY CLAUSE: *The product incorporated and sold is without Warranty expressed or implied, including warranty of Merchantability and fitness for use of this material and upon condition that purchaser shall make the own test to determine the suitability and quality of such products for their particular purpose. The user assumes all risks of use and handling, whether or not in accordance with any statement of the supplier. Supplier's liability if any, for any action arising out of the material being supplied shall be limited to only replacement of material.*