

## BUILDPOXY RM

### Epoxy repair mortar

**DESCRIPTION :** **BUILDPOXY RM** is a two pack repair mortar system. It consists of epoxy resin, mixed with silica aggregates & catalyst, suitable for speedy and permanent repair of concrete.

#### FEATURES

- ❖ Excellent bonding & abrasion resistant
- ❖ Chemical resistant against acids, alkalis and industrial chemicals.
- ❖ Highly abrasion resistant

**USES :** Repair and/or patch work of cavities on concrete surfaces, permanent repair to spalled or cracked concrete structures, acid tanks, industrial floors, chemical handling and process areas etc.

**APPLICATION : Surface preparation :** All grease, oil, chemical contamination, dust laitance and all loose concrete must be removed by light chisel hammering or scabbing to provide a sound surface.

**Priming :** On a sound absorbent surface. **BUILDPOXY RM** does not need any primer otherwise a primer coat may be applied first. While primed surface is tacky, apply **BUILDPOXY RM**.

**Mixing :** Mix packs A & B and stir until a uniform consistency is obtained. Use the mixed material immediately. It may be applied with the help of wood float/trowel or spatula. Finally smooth the surface with a clean trowel.

#### Cleaning

When the material is soft, cleaning may be done by solvent from tools and equipment. If it is hard, the same may be removed mechanically.

#### TECHNICAL DATA

Colour	:	Grey
Consistency	:	Thixotropic epoxy mortar
Pot life at 30°C	:	45 minutes
Full cure	:	7 days
Yield/Density	:	2000 kg/m <sup>3</sup>
Compressive strength	:	700 kg/cm <sup>2</sup>
Initial cure	:	4 - 8 hours
Shelf life	:	12 months in unopened containers
Storage	:	Keep it in a cool place
Packing	:	15 kgs.and 30 kgs. (Pre-measured A+B – 14 : 1 )
Coverage/consumption	:	Approximately 30 kgs / sq.mtr. for a thickness of 15mm
Health & safety	:	Use gloves while handling <b>BUILDPOXY RM</b> inflammable handle with care.