

DURA BUILD CARE PVT. LTD.



AN ISO 9001 : 2008 COMPANY

“Quality, Integrity Assured.”

DURAXY RM

Epoxy Repair Mortar

Description:

DURAXY RM is a three pack, **A, B, & C** repair of patching mortar system. All packs are premeasured and they only need proper mixing at site with entire quantity supplied. It is a blend of silica aggregates bonded together with **Epoxy** resin, designed for speedy and permanent repair to concrete. The mixed material is applied to suitably prepared and primed surface.

Features:

- ✓ Absolutely waterproof – will cure under damp condition.
- ✓ Permanent repair through super bonding – highly resistant to abrasion and impact.
- ✓ Speedy development of initial hardness – minimize maintenance.
- ✓ Natural concrete colour – any other colour is available on request.
- ✓ Reliability – product under rigid quality control – no quality variation.

Uses:

All repair/patching work of cavities in concrete surfaces, permanent repair to spalled or cracked concrete structures, acid tanks, seal walls, industrial floors in plating shops, chemical handling and process areas.

Technical Data:

Ratio of A : B : C	: 2 : 1 : 12
Pack A	: Base in white colour
Pack B	: Black hardener
Pack C	: Filler
Colour	: Grey
Consistency	: Thixotropic epoxy mortar
Pot Life at 30 ⁰ C	: 45 minutes
Full Cure	: 7days
Below 25 ⁰ C	: Curing time will be increased
Yield / Density	: 2000 Kg/m ³
Compressive Strength	: 700 Kg/cm ²
Tensile Strength	: 120 Kg/cm ²
Flexural Strength	: 300 Kg/cm ²
Shrinkage during curing	: Nil
Initial Cure	: 4 – 8 Hours
Adhesion Strength	: Failure if any occurs at concrete and never at the Bonding joints.
Shelf Life	: 12 months if unopened.
Storage	: Keep it in a cool place.

Application:

Surface Preparation:

All grease, oil, chemical contamination, dust, laitance and all loose concrete must be removed by light chisel hammering or scrubbing to provide a sound surface.

Priming:

On a sound absorbent surface, **DURAXY RM** does not generally need any primer otherwise **DURAXY Primer** may be applied on concrete, mortar, stone, ceramics, metals in vertical and overhead situation. While primed surface is tacky, apply **DURAXY RM** (Please see separate leaflet for **DURAXY Primer**).

Mixing:

Mix all of Pack B (hardener) with all of Pack A (base), then mix with all of Pack C (filler) and mix until a uniform consistency is obtained. A spatula or slow speed drill or paddle may be used for mixing. Use the mixed material immediately. Apply smooth off well with a clean rowel. Teflon coated tools are the best to handle epoxy product.

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.

Packing:

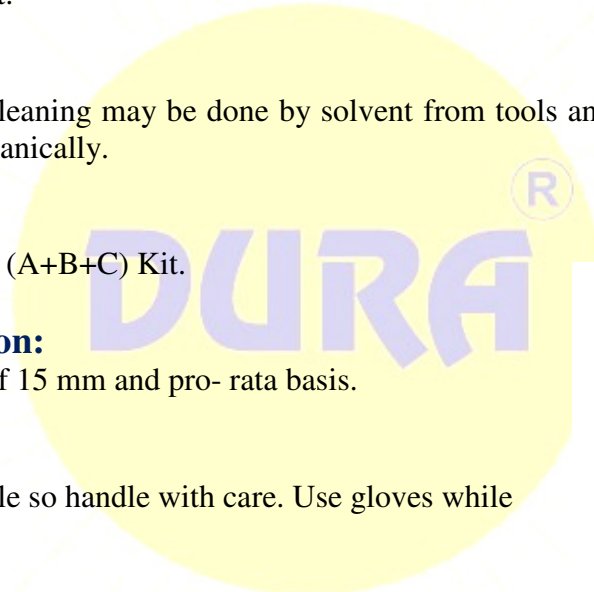
In 5 Kg (A+B+C) and 10Kg (A+B+C) Kit.

Coverage / Consumption:

30 Kg/m² with a thickness of 15 mm and pro- rata basis.

Health & Safety:

A & B Packs are inflammable so handle with care. Use gloves while handling these products.



IMPORTANT: Though the product may change with some code as suffix or addendum to the principal or original name out of some minor adjustment and fine tuning in the formulation due to our continuous research and development but shall exhibit the stated properties with more improvement.

WARRANTY: Our high potency products are manufactured under stringent National/International Quality Standard specifications and guaranteed against any manufacturing defect. Suggestions and recommendations are made here based on our most practical experience and exposure over 25 years in the field and are believed to be most appropriate and correct BUT no liability can be accepted by us, as the conditions of use of such products are beyond our control.

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