

TECHNICAL DATA SHEET: REPAIR MORTAR

SEED Repair Mortar is a high performance, multi use polymer-modified, shrinkage-compensated, repair mortar for concrete and masonry surfaces.

APPLICATION

SEED Repair Mortar is used to repair concrete surfaces: spalling, honeycombing, cracks, and eliminate surface defects caused by demoulding, can be used for:

- Interior or Exterior Surfaces.
- Vertical, overhead and horizontal.
- Residential and commercial.
- New construction repair works.
- Old construction repair works.
- Structural Concrete repairs.

ADVANTAGES

- Ready to use.
- Easy to apply.
- Good workability.
- Good mechanical properties.
- Good Thixotropic.
- Low VOC. / Non Toxic.
- Can be painted over 48 hours after application.
- Application thickness upto 25 mm.

TECHNICAL DATA

Appearance / Color	Grey Powder
Composition	Hydraulic binder, mineral filler and specific additives
Packaging	20 Kg Bag
Shelf Life	12 months from the date of production If stored properly in undamaged, original, sealed packaging.
Water / Power Ratio	4.0 – 4.4 liters of clean water / 20 kg bag
Storage Conditions	Store in dry conditions, protected from moisture
Thickness of Layer	1 mm to 25 mm
Density	approx. 1.1 - 1.2 kg / l
Compressive Strength	> 20 N/mm ² at 28 days
Flexural Strength	> 3 N/mm ²
Adhesive Strength	> 1 N/mm ²



SURFACE PREPARATION

Surfaces to be free from dirt, dust and loose material. Any cracks in the concrete must be repaired and the surface pre-wetted before work commences. Free surface water if any must be removed before application

MIXING

Use approx. 20 kg of Repair Mortar with Approx. 4.5 liters of potable water. Take water in the container and slowly add the powder into the water while mixing by hand or slow speed mixing machine. Mix for 3 to 5 minutes till a smooth paste is obtained.

APPLICATION

Apply by trowel in 1 or 2 coats. The first coat should be worked to the concrete substrate. Intervals between coats should be 2 to 3 hours.

CURING TREATMENT

Repair Mortar cures with minimal shrinkage. If exposed to rapid drying conditions keep the surface wet to prevent premature drying. Standard curing practices are recommended.

CAUTIONS

- During cold weather, protect finished work from freezing temperatures.
- Contains Portland cement and silica sand. May irritate eyes and skin. Avoid contact with eyes or prolonged contact with skin. In case of contact, flush thoroughly with water.
- Do not take internally. Silica sand may cause serious lung problems. Avoid breathing dust. Wear a respirator in dusty areas.
- Keep out of reach of children.

WARRANTY

SEED Chemicals Pvt Ltd warrants that REPAIR JOINTING MORTAR is free from manufacturing defects and will not break down, deteriorate or disintegrate under normal usage, subject to the terms and conditions stated in SEED Chemicals Product Warranty.

LEGAL NOTICE

The information and, in particular, the recommendations relating to application and final use of SEED products are provided in good faith, resulting from the present knowledge and experience with the products when properly stored, handled and applied under normal conditions in accordance with the recommendations of SEED or its distributors. As long as the use and processing of the product is not subject to our direct influence, we will not be liable for any damages caused by its misuse. We reserve the right to make changes resulting from technical progress.

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