

Technical Data Sheet

SHOOLIN PATCH REPAIR - RM

Rapid Hardening High Strength Non-Shrink Cementitious Mortar

SHOOLIN®

PATCH REPAIR - RM is rapid hardening and drying, flow - free mortar for repairs work. The mortar hardens rapidly to give a tremendous strength and hardness. The mixed mortar sets after 1 hour and can be trafficked after 2 hours @ 20°C - 30°C.

USES

PATCH REPAIR - RM is used and specified by major utilities like industrial projects, airport areas, highway departments and machinery and turbine manufacturers far and wide or any place where deep holes and crack need to be repair.

FEATURES

- Rapid setting that will effect minimum disturbance to traffic
- Very easy to use- addition of water only needed.
- No rusting, staining on exposed edges.
- Free from chloride compound ensures non-corrosive property.
- Highly adhesion that ensure good bonding to substrate.
- Reliable- produced under rigid quality control.

ADVANTAGES

- **PATCH REPAIR - RM** is chloride free and non-metallic.
- Has controlled expansion and is guaranteed not to shrink.
- **PATCH REPAIR - RM** has a measured volumetric expansion, within 2 hours it is completely stable, neither shrinking nor expanding.

- Provides a full bonding strength and is resistant to high impact and vibration without shattering.
- **PATCH REPAIR - RM** is water and oil resistant and non-corrosive.
- Has an extremely high adhesive and pull-out strength.
- Withstands great fluctuations of moisture, dryness, heat and cold.

TECHNICAL DATA

Granulometry	0 – 2 mm
Water –Powder Ratio	0.11 to 0.13
Compressive Strength, N/mm ² at 30°C, 2 hours (W/P=0.125, plastic mix)	16
24 hours	39
3 days	44
7 days	50
28 days	58
Yield (PATCH REPAIR - RM powder required), kg/m ³ PATCH REPAIR - RM	2300-2450 depending on water used in the mix.
Chloride content	Nil (as per BS 5075 Part-I)
Shelf Life	12 Months in packed sealed condition

INSTALLATION ADVANTAGES

- Facilitates easy handling and storage. **PATCH REPAIR - RM** is protected in a vapour barrier bag that prevents exposure to the elements.
- Is ready to use and allows sufficient time for finishing work.

Technical Data Sheet

SHOOLIN PATCH REPAIR - RM

Rapid Hardening High Strength Non-Shrink Cementitious Mortar

SHOOLIN®

Repair Compound

- Can be installed in all temperatures. At freezing temperatures, our Service Dept. should be consulted before mortar is carried out.
- Contains no harmful chemicals.
- Mortar may be used from minimum of 10 mm thickness to a maximum of 40-50mm.

METHOD OF APPLICATION

PATCH REPAIR - RM is ready for use, requiring only the addition of water. Before placement the surface should be thoroughly cleaned and wet. Care must be taken to ensure that grease and oil are removed.. Mix for a short time, and then add the balance quantity of mixing water. Proceed to mix for about 2- 3 minutes. Mixing should be homogenous then Place the mixed material over primed surface, Strike off the surface to the correct level and Finish with a steel trowel for finishing of surface.

GENERAL INFORMATION

PATCH REPAIR - RM will reach a compressive strength 160 kg/cm² within 2 hours and will increase to approximately 400 kg/cm² within 1 day.

Higher temperatures accelerate the setting time whereas lower temperatures will retard the time of reaching its compressive strength.

Repairs works depend totally on correct surface preparation . We should insure that all surfaces are completely free of oil, dust, grease, paint, corrosion and any other deleterious substances.

Note: Surface must be primed prior to repair. Firstly substrate which is to repair should be thoroughly soaked with clean water then applying Primer on it.

PACKAGING

30kg in HDPE bag

STORAGE

If stored in a cool dry place and unopened pack, shelf life of 12 months can be observed but use it before six months as the product is cementitious.

HEALTH AND SAFETY

Alkaline in nature. Prolong contact with bare skin may cause irritation. It is non-toxic, non-inflammable, can be used safely.