MASTER CHEMICALS TECHNOLOGY

MC- Epo Patch F

Epoxy Paste

Description:

MC-Epo Patch F is a two component 100% reactive epoxy paste , Due to its high compressive strength, **M C - Epo Patch F** has an excellent resistance to impact and dynamic loads .
It has a non shrink property and a high bond strength to concrete and steel .

Uses:

- Repair of floors subject to high abrasion and wear .
- Patching cracks and filling joints between concrete floors .
- Repairing structural members subjects to high loads .
- Smoothing of rough surfaces .
- Adhesive for marble , granite and ceramic tiles on concrete & steel surface

Advantages:

- Easy mixing and application .
- High compressive ,tensile and bond strength .
- Fast curing .
- High resistance to acids , alkalis, salt solution and other corrosive chemical solutions
- Multi rib sections.

Technical Data :

Pot life	: 45-60 min . at 25 ^{5}C
Density	: 1.7 g/cm^3
Mixing Ratio	: 2 : 3 by weight
Compressive strength	: > 600kg/ cm^2 at 25^{5}C
Final cure	: 7 days at 25^{5}C
Shelf life	: 12 month at 25^{5}C in closed containers
Packaging	: 5 kg (3 kg Resin +2 kg Hardener)

Method Statement:

Concrete floors :

1- Freshly poured concrete

Concrete should be cured for 28 days to improve quality.

Concrete surface should be rough and clean to insure high bond strength between the epoxy mortar and concrete surface .

2- Old concrete

Concrete surface should be chipped till sound is reached .

The surface should be cleaned from oil , dust , paints etc.., to improve high bond strength between epoxy mortar and concrete surface.

Steel Surface:

The surface should be sand blasted to remove rust .

Precaution:

- The two components should be mixed by mechanical stirrer until an even mix is obtained (mixing time 3 min .)
- All tools should be cleaned using epoxy thinner .

For more details please contact Master Chemicals Technology technical office

Or visit our website www.mc.com.eg

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