DENSO 302 EPOXY MORTAR

DESCRIPTION
Denso 302 Epoxy Mortar is a heavy-duty repair and screeding system for hard wearing floor areas.

PRACTICAL USES
Floor areas subject to high traffic and chemical & solvent spillage, such as mining, water & waste treatment, paper & pulp, sugar refining, food factories, dairies & breweries.

Also used as a concrete repair mortar, rail grout, acid proof tile grout, and bridge nosing compound.

PERFORMANCE & DURABILITY
- Compressive strength: >96 N/mm² astm 695-85.
- Tensile strength: 18 N/mm² astm d638-76.
- Flexural strength: 34 N/mm² astm d790-86.
- Bond strength: concrete fails.

CHEMICAL RESISTANCE
Resistant to most dilute acids & alkalis, petroleum products & salt water.

SURFACE PREPARATION
All surfaces must be clean & mechanically sound and free of oil, dirt & dust. Concrete and cement screeds to preferably have a wood float finish, with a minimum compressive strength of 25mPa. Abrasive blast or acid etch to remove laitance.

PRIMING
Prime with Denso 320 Epoxy Mortar Resin @ 5m²/l.

APPLICATION
Thoroughly mix the resin and activator in the proportions given, then add the aggregate using a slow speed mechanical mixer. Pour the mixture onto the floor to slow down the exothermic reaction. Using a screeding bar apply the epoxy screed to a nominal thickness of 6mm using a nylon or PVC float. Keep wiping the float with water. Allow to cure for at least 12 hours then seal with the specified Denso sealer.

SPECIAL NOTES
- Allowance must be made for expansion joints. Denso manufactures a range of joint sealants.
- Denso also produces a range of non-shrink epoxy grouts for machine bedding, bolt fixing, vertical surfaces and under water curing systems.

CLEANING EQUIPMENT
Clean equipment immediately after use with fresh water and soap.

TOXICITY
Although Denso 302 Epoxy Mortar is relatively non-toxic, it is recommended that the normal precautions in dealing with conventional epoxy resin systems be adhered to.

HOW TO SPECIFY
All areas to be prepared, primed and screeded with Denso 302 Epoxy Mortar to a minimum thickness of 6mm in accordance with the manufacturer's instructions.