

# HI-BOND EM40

## DESCRIPTION

EM40 is a lightweight Epoxy Repair Mortar suitable for repairs of concrete in vertical or overhead work where its non-slumping characteristics are desirable.

## USES

Ideal for permanent repairs to spalled or damaged concrete structures, i.e under surfaces on bridges, roof beams etc.

## TYPICAL TEST DATA

Specific Gravity	1.3
Volume Solids	100%
Pot Life (at 20°C)	70 minutes
Application Temperature	5°C to 30°C
Tack Free (at 20°C)	5 hours
Full Cure (at 20°C)	7 days
Compressive strength	42 M pa
Good chemical resistance to:-	
Sulphuric Acid	Petrol
Alkalis	Sea Water
Deionised water	Crude Oil etc

For further information, please contact our technical department.

## SURFACE PREPARATION AND PRIMING

The efficiency of the EM40 is dependant on the preparation and priming of the substrate. EP1 should be used. Once mixed, this should be applied to the substrate and brushed well in. EM40 should be applied whilst the primer is still tacky.

## MIXING AND APPLICATION

The EM40 hardener should be added to the resin and mixed until homogeneous, before adding the mix to the aggregate. The whole should then be mixed until a uniform consistency is obtained in a forced action mixer. The EM40 is then applied to the primed substrate using a steel trowel, wood or plastic float and tamped down firmly into the repair.

3.33 litres per 5 kilo unit.

## PACKAGING

EM40 is a two pack epoxy system in 5 kilo units.

## STORAGE

Store in sealed containers between 5°C and 30°C

## CLEANING

Hi-Solve should be used for cleaning tools, etc.

## HEALTH AND SAFETY

See separate Health and Safety Data Sheet.

## WARRANTY DISCLAIMER

The technical data herein has been compiled for your help and guidance and is based upon our experience. As we have no control over the use to which our information is put, no warranty, expressed or implied is intended or given and we cannot be held responsible for coverage, performance or any damages incurred.

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## COVERAGE RATE