

PALATINE PAINTS

INDUSTRIAL, DECORATIVE & MAINTENANCE COATINGS

CARBOFIX EPOXY PATCH REPAIR SYSTEM **3 PACK**

TECHNICAL DATA SHEET.

USES

Carbofix Epoxy Patch Repair System is suitable for use in the repair of worn and damaged concrete where a high strength repair material is required in cold store areas as low as - 40 °C or when temperatures do not permit the use of Palatine's Carbofix 3k Concrete Patch Repair. Carbofix Patch Repair System is a low odour material and can be used in food environments.

DESCRIPTION

Carbofix Epoxy Patch Repair System is based on a blend of epoxy resin, curing agents and selected aggregates. All items are supplied pre-weighed and packed ready for mixing on site. The finished material provides a non-skid and abrasive resistant surface, with good resistance to dilute acids, petrol, oil and grease.

ADVANTAGES

1. Good abrasion resistance
2. Good chemical resistance (specific chemical resistances should be checked with our Technical Department)
3. Pre-weighed packs.

TECHNICAL DATA

Compressive strength	-	46N/mm ² (48 hours)
Compressive strength	-	75N/mm ² (72 hours)
Tensile strength	-	13N/mm ²
Flexural	-	32N/mm ²
Shelf life in sealed containers	-	12 months
Usable life (5.0kg) @ 20°C	-	20 minutes
S.G.	-	1.78
Walk on time @ 20°C	-	3 – 4 hours
Walk on time @ 10°C	-	6 – 8 hours
Full cure	-	7 days

SURFACE PREPARATION

Concrete should be at least 3 – 4 weeks old. The substrate should be clean, free from laitance, grease oil, moisture and any other agents that may impair adhesion.

MIXING & PACKAGING

Carbofix Epoxy Patch Repair System is supplied in 5.50kg, 11kg and 22kg units consisting of:-

1. Resin component A
2. Curing Agent component B
3. Filler component.

Add the full contents of curing agent component B to the epoxy resin component A and mix thoroughly for two minutes (some of this material may then be brush applied as a primer). Add the mixed material to the filler in the bucket supplied and mix thoroughly until the aggregate is wetted.

APPLICATION

Apply the mixed material to the primed substrate and screed to the required level. Finish to a resin rich surface using a steel trowel.

CLEANING

Clean tools with Carbofix Tool Cleaning Solvent – do not use on hands. **HEALTH &**

SAFETY

It is recommended that barrier creams, gloves and protective clothing be worn when using Carbofix Epoxy Patch Repair System and Carbofix Tool Cleaning Solvent.

If eyes are affected wash with copious amounts of cold water and seek medical advice. For hands, wash with soap and water.

For full details see separate Health & Safety Data Sheet.

The information given on this sheet is, to the best of our knowledge, true and accurate. No guarantee of the results implied, or any loss or damage arising out of this material, however, are possible as the conditions of application are beyond our control. This is not withstanding any liability arising from the Consumer Protection Act 1987 and the Health & Safety at Work Act. Health and Safety data is available on this product and should be referred to prior to its use.

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