



PRODUCT DATA SHEET

PRODUCT CODE: E210SC **EPOXYPATCH SLOW CURE**

Description

Epoxy patch SC is a 2 part epoxy resin system with a cementitious powder additive, that was designed to give superior bonding characteristics between Epoxy patch SC and steel or concrete surfaces, and will act as a barrier that prevents chlorides migration through concrete.

Principal uses

- Structural repairs to concrete
- Barrier that prevents corrosion of steel
- Used as a bonding primer for repair mortars

Advantages

- Long open time for additional repair mortars
- Exceptional bonding to concrete and steel
- Excellent resistance to water and chloride Penetration
- Extended pot life of product
- Simple to mix and apply

Performance data

Typical performance	
Tensile strength	6,875psi
Tensile elongation at break	4,9%
Flexural strength	10,640psi
Bond strength (mild steel to mild steel)	3,320psi

Surface preparation

Remove all loose material, rust and any oil based residue where the product will be applied. This can be done by wire brushing, sanding, grinding or sand blasting the surface

Application

1. **Mixing-** using a low speed drill, mix component A with component B until uniform colour is achieved or 3 minutes.
2. **Application-** please consult your local representative or method statement on correct application method required.

Pot life & Curing

The product has a 60 minute pot life at an ambient temperature of 25°C. Should the temperature increase, expect an accelerated reaction. In typical applications the product will be touch dry in 2 to 3 hours and fully cured in 7 days.

Limitations

Working temperature between 5-30°C
Do not use in conjunction with rapid setting mortars

Safety & Handling

Epoxy resin components may cause skin irritation. The product is low in acute oral toxicity. At room temperature, there is exposure to vapours from the product that may cause allergic skin reaction in humans. Safe handling can best be accomplished by adhering to the following rules:

- Work in well ventilated areas
- Wear PVC gloves, safety glasses and aprons
- Remove any residue with soap and water
- In the event of contact with eyes flush with copious amounts of water. Seek immediate medical attention
- Prior to mixing and curing the product is harmful to the environment

Packaging

The product is a two component kit.
The following kit sizes are available; 1.75l

Shelf Life & Storage

12 months when stored in a cool dry place, failure to comply with these recommendations will result in a reduction in shelf life

Note

For further instruction please consult your local representative for a method statement on the product

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