

# ASHAK epoxerite

construction chemicals

## PRODUCT DATA SHEET

**PRODUCT CODE: C277RS**  
**SUPAPATCH RAPID SET**

### Description

SUPAPATCH RS is a non-shrink cementitious repair mortar that will set faster than traditional mortars. Once mixed and applied the finished product is grey in colour.

### Principal uses

- Structural repairs to concrete
- Restoration of spalled and damaged concrete
- Repairs to honeycomb

### Advantages

- Easy to mix, apply and finish
- Excellent adhesion
- Shrinkage compensated
- Extends life of concrete and repairs

### Performance data

| Property                    | Typical results |         |         |
|-----------------------------|-----------------|---------|---------|
|                             | 24 hours        | 14 days | 28 days |
| <b>Compressive strength</b> |                 |         |         |
| Mixed to a 50mm slump       | 18Mpa           | 32Mpa   | 45Mpa   |

Early Height Change Positive  
 Hardened height Change Positive  
 Bond strength ASTM C-882 >12

### Workability

Once mixed the product is smooth to allow for easy application

### Surface preparation

Concrete substrate must be structurally sound. Remove all oil, grease, paint, corrosion, dust and surface deposits. This can be done by wire brush or sand blasting. Ensure surface is wet or prime with *Plaster Key* to improve bond

### Limitations

Do not use if temperatures are below 9°C. Avoid excessive heat 35°C and higher, wet hessian may be used to reduce heat or use curing compounds to improve performance

### Mixing instructions

Pre wet concrete mixer, add between 3ℓ and 4.5ℓ of water into the mixer, depending on the required consistency. Add the contents of the bag and mix until desired slump is achieved

### Yield

Mixed with 4ℓ of water will yield 12ℓ

### Set time

| Water content | Initial set | Final set |
|---------------|-------------|-----------|
| 4ℓ per 25kg   | 2 hours     | 3 hours   |

### Packaging

SUPAPATCH RS is available in 25kg bags

### Safety & handling

Wear dust masks when mixing. Use gloves, eye protection at all times. Should the product come into contact with eyes, wash immediately and seek medical advice

### 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 increased adhesion capabilities prime the surface with a mixture of cement, river sand and *Plaster key*. For further instruction please consult your local representative for a method statement on the product

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