

# 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		
Compressive strength	24 hours	14 days	28 days
Mixed to a 50mm	18Mpa	32Mpa	34Mpa
slump			
Early Height Change	Positive		
Hardened height Change	Po	ositive	
Bond strength ASTMC-882	th ASTMC-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, a 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 consistency required

## 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 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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