

# Sure Mortar FC

Fairing Coat Repair Mortar



**Tilt-Lift Equipment Pty Ltd**  
ABN 76 005 928 987  
CONCRETE ACCESSORIES

## PRODUCT DESCRIPTION:

Tilt Lift Equipment Sure Mortar FC is a one part cementitious concrete repair mortar that is fine filled and fast setting.

## PURPOSE:

A thin layer fairing coat mortar specifically formulated for thin repairs to architectural panels, allowing the appearance to be restored.

## ADVANTAGES:

- One component – just add water
- Negligible shrink for maximum durability and adhesion
- Versatile and easy to trowel
- Interior and exterior applications
- High bond strength
- Excellent adhesion for repairs up to 10mm thick.

## APPLICATION INSTRUCTIONS:

### Surface preparation:

The concrete must be sound and free of all foreign material, including oil, grease and any other surface contaminants. All concrete must be mechanically scarified, shot blasted or similarly treated to obtain a profiled or roughened surface. Prime with Sure Primer FC is essential. Where the substrate is very porous, dampen the concrete surface with water to create a saturated surface dry condition before priming. Prime all exposed steel with Zinc Primer.

### Mixing:

Mix by hand or with a slow speed drill in a clean container. Place the water in the mixing container, then add a little powder at a time, and mix for approximately 3 minutes to obtain a lump free consistency. Use 5.0 to 5.5 litres of water. Do not over water or over mix. Excess water will reduce the final strength.

### Placing:

While primer is still tacky, place Sure Mortar FC using a trowel or smoothing tool. DO NOT over work or re-temper. 5mm maximum thickness can be applied in any application. Protect from hot and dry wind. DO NOT place at unprotected temperatures below 5°C or if the temperature is expected to fall below 5°C in the next 24 hour period. DO NOT place in hot weather above 35°C.

### Curing:

Sure Mortar FC is self curing under most conditions, where high winds and temperature, low humidity and direct sunlight, moist curing will be necessary. Contact Tilt-Lift Equipment's technical department for advice.

## CLEAN UP:

Immediately clean all equipment with water after use.

## PACKAGING:

Sure Mortar FC is packaged in 20kg bags.

## APPROXIMATE COVERAGE RATES:

A 20kg bag will yield 0.012m<sup>3</sup>.

## TEST DATA:

Compressive Strength @ 20°C

28 days ..... 20Mpa

Set Times @ 20°C

Initial ..... 25 minutes

Final ..... 50 minutes

## WARNING:

Use of a dust respirator, safety goggles, rubber gloves and protective clothing is recommended. In case of contact with eyes, immediately flush with water for at least 15 minutes.

Avoid hazzards by following all precautions found in the Material Safety Data Sheet, product labels and technical literature. Please read this information prior to using the product.

## TECHNICAL SERVICES:

Call the technical staff for assistance at:

03 9583 0115

or

Fax: 03 9583 9293

Visit the website at:

[www.tiltlift.com.au](http://www.tiltlift.com.au)

Also, Tilt-Lift Equipment's coast to coast network of distributors and dealers are well informed on capability and applications procedures.