# SS - StrongFix FC

### Specially Modified, Quick Setting, Compound for Use as Installation Aid for all Holdfasts / Fittings / Rail Posts and filling of Holes / Gaps / Cavities

### General

**SS** - **StrongFix FC** is a single component, solvent free, quick setting compound that is specifically designed to set very quickly and create a non-shrink plug to fill cavities, gaps, holes, etc. **SS** - **StrongFix FC** is a fine compound that can seal openings, rendering them waterproof. The mortar is chloride free and does not saponify over a period of time. The compound needs to be mixed with a small amount of water to get thixotropic mortar.

The mortar develops strength rapidly and is completely hardened in about ten to twenty minutes. **SS - StrongFix FC** has excellent strength and bonding properties and it forms a permanent seal. The mortar is formulated with special fast setting cements, fine fillers, accelerators, waterproofing agents and a mixture of special chemicals to impart special properties.

**SS** - **StrongFix FC** is a non shrinking installation aid for quick fixing of all bathroom / plumbing fittings as well as to fill gaps around electrical installation boards. It develops very high strength making it indispensable in industry as well as household to fix staircase balustrade rail posts etc. **SS** - **StrongFix FC** can be used as quick setting repair mortar to fix small patches, tie rod holes, anchors, hooks, etc. It is ideal for filling cavities and repairing honeycombs.

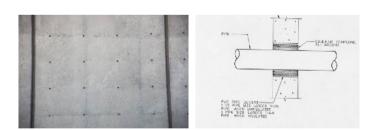
### **Product Features**

• Extremely Quick Setting, Installation Aid

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- Quick Development of Strength
- Thixotropic after mixing
- Non-Shrink, dimensionally stable
- Chloride Free. No Corrosion Promoting Action
- Breathable, Non-Toxic, UV, Abrasion and extremely resistant to water
- Extremely fine compound, can easily fill cracks and narrow crevices
- Ready to use
- Can be used with concrete or masonry substrates





### Areas of Application

- Any Brick / Concrete Structure, Gaps / Cavities
- Joint filling, concrete tunnel segments and pipes.
- Mortar around pipe sleeves
- Filling of Tie Rod Holes
- Crack and Void Sealing
- For Anchoring Hold Fasts, Hooks, etc.
- For Installation of Boiler Machines, Grills, Balustrades, Gates, Rail Posts, etc.
- As binder for extremely fast setting repair mortars
- Repair applications and pointing prior to waterproofing

### Areas of Application

Specification Keywords	Quick Setting, Installation Aid, Non-Shrink, rapid strength development, high bonding strength, drying compound
Delivered As	Grey Powder
Storage Instructions	Store in a cool, dry area away from sunlight in original packaging
Shelf Life	12 months
Post Use	Empty packaging completely. Dispose as per local regulations. Refer MSDS for suggestions.
Packing Size	30 kg

## **Assess Build Chem Private Limited**

302 – 304, A Wing, Vardhaman Chambers, Sector 17, Vashi, Navi Mumbai 400703, India Phone: +91-22-41272323 Email: info@ssbuildchem.com Website: www.ssbuildchem.com



SS - StrongFix FC

**Hazards and Safety** 



Technical Data	
Sp. Gravity	3.00 +/- 0.05
Mixing Ratio	As per requirement
Hardening Time	10 to 20 minutes
Pot Life	5 to 10 Minutes
рН	7 +/- 2

### Instructions for Use

Always test in a small inconspicuous area with a 24-hour cure time to determine consumption, ease of application and desired results. Surface temperature should be 10 - 30 °C. The substrate must be clean, dry and free from all loose particles, old paint, dust, oil and other materials having a separating effect. The substrate should be sound and have adequate strength (pull off strength > 1.5 N/mm<sup>2</sup> is most suitable).

Weigh out some water and **SS** - **StrongFix FC**. Add the powder to the water and not vice-versa as it helps in dispersion of the polymers. Mix manually for 1 to 2 minutes to a smooth dough consistency. **SS** - **StrongFix FC** can be applied by trowels, or directly by hand (using gloves).

Clean out the area of all de-bonding influences. Chisel out the area of the cavity to a depth of 20mm or more. Using gloves, pretreat the surrounding area using **SS** - **StrongFix FC**. Prepare a plug of material by mixing powder with sufficient water to obtain a malleable, dough-like consistency. Using a gloved hand, or a steel trowel, press the plug firmly into the main hole or cavity and hold it in place until set. If necessary, apply a further amount of **SS** - **StrongFix FC** powder over the treated area, to dry out the area completely. Proceed with the other treatment using suitable materials such as **SS** - **CrystoSeal 1K / 2K, SS** - **CrystoSeal Flex or SS** - **SuperSeal Flex**, if waterproofing is to be done.

### **Safety and Precautions**

- Mix only small quantities that can be used within 10 minutes. Water should not be added to hardened mixture.
- Higher temperatures accelerate the hardening and lower temperature delays it.
- Take suitable safety precautions at all times. Always wear protective goggles, safety shoes, masks and gloves.
- If inhaled, move immediately to fresh air. In case of skin or eye contact, flush immediately with water for 15 minutes.
- Remove contaminated clothing and shoes and call a physician.
- Clean up promptly after job is complete. Clean equipment with water and allow to dry in a well-ventilated area. Allow rags etc. to dry in a well-ventilated area out of the reach of children and pets.
- Local, state and federal regulations should be consulted for proper disposal procedures.

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Page 2 of 2

## Assess Build Chem Private Limited

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