Technical Data Sheet

TUFF Coat AC

USES

- **Fibrous Cement Sheet (FRC):** Joins, skimming, filling & levelling
- **Painted brickwork:** Skimming, levelling & filling
- **New & old brickwork:** Skimming, levelling & filling
- **Concrete walls:** Skimming, levelling & filling
- **Expanded Polystyrene (EPS):** Joins, patching, skimming
- **TUFFWALL Insulated Wall System:** Joins, skimming, patching

TUFF Coat AC is a superior polymer modified acrylic wet render.

The high composition acrylic filling and levelling mixture can be applied over dry non-porous and challenging surfaces using just one thin trowelled coat.

TUFF Coat AC's superior strength is a highly cohesive, resistant to fatigue as well as excellent adhesion to substrates over dry bag renders.

- Trowels on efficiently in smooth thin layers
- Is the toughest adhering render in the TUFFTEX range
- Is more water resistant and highly flexible compared to traditional render
- Ideal for patching, skimming and restoration of damaged substrates
- Readily available in 15Ltr pails
- Is locally manufactured by TUFFTEX in Western Australia

TUFF Coat AC can be used direct from the pail up to a depth of 5mm. Adding 5-10% of fresh cement allows for greater depths of patching & rendering. The amount of added cement may vary to allow for faster setting and wet weather conditions.

TUFF Coat AC is designed to be over-coated with TUFFTEX architectural finishes, COARSE, SAND, GRAFF, ATOMIC & ROLL-ON varieties. Once dry, a TUFFTEX factory tinted top coat such as TUFF Shield TP or TUFF Shield MP can be applied to aid protection against extreme weather conditions.

Coverage per pail is dependent on trowel on thickness. Over FRC sheeting expect up to 16m2 per pail & over brickwork up to 6m² depending on the depth of the mortar joints.

Substrates:
Painted brickwork
New or Old Brickwork
Concrete block-work/tilt panels
Bare EPS wall cladding
TUFFWALL Insulated Wall System.
Fibrous Reinforced Cement sheets (FRC)

Substrate condition:
All substrate surfaces must be clean sound, dry, cured and free of any dust, dirt mould, fungus, grease or other contaminates. Any loose or damaged substrate must be removed, or patched and repaired. Any moisture must also evaporate out prior to TUFF Coat AC being trowelled onto the substrate.
All surfaces must be clear of efflorescence, grease, oil, mould, dirt, dust, release agents, bond-breakers or

other contaminants that may interfere with adhesion. Pre-painted surfaces must be wire brushed or high pressure water blasted to remove loose and cracking paint. Surfaces of powdery nature will require strengthening with TUFFTEX PRIMER as a sealer.
Sufficient expansion joints are required to minimise cracking on the surface of the render. The location of the expansion joints is the responsibility of the Builder.

Installing Expansion Joints:
Installing expansion joints to every elevation and between different substrates to allow for building movements and stresses is highly recommended.
If no expansion joints are implemented, cracking due to movement of the substrate may occur. This is in no way indicative of faulty material. Rather it indicates sub-standard building practice.

Weather Conditions:
If temperatures are less than 8 °C or greater than 30°C, TUFF Coat AC should not be applied to a wall. Freshly applied TUFF Coat AC must be protected from rain, other sources of moisture and frosts for at least 48 hours.

Mixing:
Mixing of TUFF Coat AC in 15 litre pails is achieved by mixing 5-10 % of standard grey cement immediately prior to application. Add the cement to the pail with vigorous drill mixing until a lump-free homogenous consistent slurry is produced. As the cement cures, the slurry will get thicker with time until it is no longer useable. The pot life is about 3 hours in ambient conditions. Addition of excessive water will result in cracking and/or shrinkage.

Shelf Life:
6 months is expected.

Manufacturer's Details
TUFFTEX – 3 Hunt Street, Malaga, Western Australia 6090
Telephone +61 8 9248 8788 | info@tufftex.com.au
tufftex.com.au