

### FEATURES

- **Lightweight for improved sag resistance**
- **Is more waterproof & highly flexible compared to traditional render**
- **Ideal for patching and restoration of damaged substrates**
- **Readily available in 15Ltr pails**
- **Locally manufactured by TUFFTEX in Western Australia**

### USES

- **Painted brickwork: skimming, patching, levelling**
- **New & old brickwork: skimming, patching, levelling**
- **Concrete walls: Skimming, patching, levelling**
- **EPS (Expanded Polystyrene) : patching, levelling**
- **TUFFWALL Insulated Wall Cladding: patching, levelling**

TUFFTEX HiBuild Render HBR is a 100% Acrylic Render, filled with lightweight insulating aggregates. The render is a water reducible compound that is supplied ready for use straight from the drum apart from the required addition of between, up to 10% cement by weight for exterior use. It can be applied with one trowel coat up to 15mm. Has superior strength, high cohesiveness and resistance to fatigue. Has superior adhesion to substrates over dry bag renders. TUFFTEX HiBuild Render HBR is recommended for use on painted bricks, new & old brickwork, concrete and bare EPS (Expanded Polystyrene).

TUFFTEX HiBuild Render HBR is a trowel applied, high composition acrylic filling and levelling mixture that can be applied over dry non-porous and challenging surfaces. TUFFTEX HiBuild Render HBR is also used for patching and levelling of damaged surfaces. TUFFTEX HiBuild Render HBR is a superior polymer modified lightweight acrylic render.

TUFFTEX HiBuild Render HBR can be used direct from the pail up to a depth of 15mm. Adding 5-10% of fresh general purpose cement allows for greater depths of patching & rendering. The amount of added cement may vary to allow for faster setting and rain proofing time. Once dried a second coat can be applied to achieve a maximum depth of 30mm.

TUFFTEX HiBuild Render HBR is designed to be over coated with TUFFTEX Architectural Coatings, COARSE, SAND, GRAFF, ATOMIC & ROLL-ON varieties. Once dry a TUFFTEX factory tinted topcoat such as TUFFShield Texture Paint or TUFFShield Mouldings Paint can be applied to aid protection against extreme weather conditions. Coverage per pail is dependent on trowel on thickness. Up to 3-4m<sup>2</sup> for pail can be achieved.

**Substrates:**

- Painted brickwork
- New or Old Brickwork
- Concrete block-work/tilt panels
- Bare EPS wall cladding
- TUFFWALL Insulated Cladding Panels

**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 & repaired and any moisture must also evaporate out prior to TUFFTEX HiBuild Render HBR 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. Location of the expansion joints is the responsibility of the Builder. TUFFTEX highly recommends expansion joints to every elevation and between different substrates to allow for building movements and stresses. 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, TUFFTEX HiBuild Render HBR should not be applied to a wall. Freshly applied TUFFTEX HiBuild Render HBR must be protected from rain, other sources of moisture and frosts for at least 48 hours depending on thickness.

**Mixing:**

Mixing of TUFFTEX HiBuild Render HBR in 15 litre pails is achieved by mixing 5-10 % of fresh general purpose cement immediately prior to application. Add the cement to the pail with vigorous drill mixing until a lump-free homogenous slurry of your desired consistency 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:**

A shelf life of 6 months is expected.

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