



Application Specification Manual

# RITEK XL WALL SYSTEM



## TUFFTEX SPECIFICATION FOR THE RITEK XL WALL SYSTEM

The TUFFTEX specification for the Ritek XL Wall System is a 4 pass process guaranteed to bring any commercial project to life. Our local batching process along with our unrivalled warranty assurance, provides a proven easy to use 4 pass application system including the award winning acrylic render (texture) and protective paint shield, engineered over 25 years to meet all weather conditions of the harsh WA climate.

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### PREPARATION AND IMPORTANT INFORMATION

#### SUBSTRATE

The substrate surface must be dry, cleaned free of any grease, oils, scaling laitance, efflorescence, form-oil compounds, mould, fungi, rust, dirt, dust or any other foreign matter. It is the responsibility of the Builder or Head Contractor to make good any substrate before the render is applied.

#### IMPORTANT GENERAL INFORMATION:

TUFFTEX TUFFCOAT AC is used as a key coat over the AFS Logicwall®. This wet render product is contained in 15 litre pails. This is a highly flexible polymer- modified thickened acrylic render, specifically formulated to apply over FRC sheet.

TUFFTEX TUFFCOAT AC is used for patching, levelling or filling render where required. Due to its inherent flexibility, it can absorb minor shrinkage of the substrate, thus reducing surface cracking.

Before using TUFFTEX TUFFCOAT AC add approximately 5-10% by weight of cement powder. This will provide a faster setting time and thus quicker weather-proofing if applied with imminent inclement weather approaching. The amount of cement to be added depends on the prevailing weather conditions and the substrate condition. **(The cement added should be drill mixed immediately prior to application.)**

**GUARANTEED, EASY 4 PASS APPLICATION instructions are following:**

## APPLICATION DETAILS:

### 1 JOINT FILLING

Apply the mixed TUFFCoat AC Render (see "important general information on page 2") to the sheet gaps and embed the pre-cut (50 mm) TUFF-Mesh (alkaline resistant).

### 2 SKIMMING

Skim coat with TUFFCoat AC Render over whole of FRC Sheet surface with a steel or perspex trowel to a depth of approximately 2-3 mm. If studs behind the sheet are uneven the render needs to be applied a little thicker to feather out.

### 3 ACRYLIC TEXTURES FROM THE TUFFTEX SPECIALTY RANGE OF ARCHITECTURAL FINISHES: TUFFTEX COARSE

## GENERAL INFORMATION:

### Coating over TUFFTEX TUFFCoat AC:

A minimum of 72 hours is required for thorough dry (and cure) of the TUFFCoat AC render before applying the TUFFTEX COARSE Acrylic Texture. The substrate must be clean before applying the Finish coat. If multi coats are desired then a minimum of 72 hours between each coat is required.

## APPLICATION DETAILS:

TUFFTEX COARSE is designed to withstand hard knocks with the surface preventing scuffing. This is due to the strong binding power of the acrylic, with the resultant being a strong impact resistant surface. This makes this product ideal for heavy traffic areas including stairwells and exposed wall areas.

TUFFTEX COARSE is designed for a single coat trowelled application. Coverage rates vary considerably with the surface condition and absorption effect. Typical coverage rates are 10 -12m<sup>2</sup> per 15 litre pail.

TUFFTEX COARSE product thickness: TUFFTEX COARSE: 1.0 -1.4 mm  
Trowel Finish Coverage 10 -12 m<sup>2</sup>

### QUICK GUIDE: TUFFTEX TUFFCOAT AC

**Size:** 15L Pail Coverage: up to 16m<sup>2</sup> depending on substrate, Suitable over Ritek XL Wall System

**Application:** Trowel

See TDS and SDS at [www.tufftex.com.au](http://www.tufftex.com.au)

### QUICK GUIDE: TUFFTEX ACRYLIC TEXTURE

**Size:** 15L pail Coverage: 10-12m<sup>2</sup> Suitable over TUFFTEX TUFFCoat AC Render

**Application:** Trowel

See TDS and SDS at [www.tufftex.com.au](http://www.tufftex.com.au)

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### TUFFTEX PROTECTIVE MEMBRANE - TUFFTEX, TUFFShield Texture Paint

To complete the system (when thoroughly dry) over-coat (by roller) with 2 coats of TUFFShield Texture Paint.

#### GENERAL INFORMATION:

This highly flexible protective top-coat known as TUFFTEX TUFFShield TEXTURE PAINT, is designed to provide a pigmented sealer. Two coats are required over the TUFFTEX COARSE Acrylic Texture, which not only protects the surface from aggressive environments, but also enhances the beauty of the finished surface.

TUFFTEX TUFFShield TEXTURE PAINT has excellent durability due to its very high elastomeric properties. This acrylic co-polymer dispersion binders combined with synthetic extender and surface additives and very fine graded quality fillers. The overall product has a painted matt surface finish 0.5mm in thickness per coat.

#### APPLICATION DETAILS:

A minimum of 72 hours, under ideal temperate conditions, is required for thorough-dry (and cure) of the TUFFTEX Acrylic texture. When the surface is thorough dry, the TUFFTEX TUFFShield TEXTURE PAINT may be applied. All surfaces must be free of grease, oils, dirt and dust. If multi coats are desired then a minimum of 24-hours between each coat is required. TUFFTEX TUFFShield TEXTURE PAINT is roller applied.

Application should not be undertaken under excessively cold conditions (below 7 °C) or in hot windy conditions (above 32°C).

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This Completes the TUFFTEX Acrylic Coatings for the application of the Renders, Textures and Paint for the Ritek XL Wall System.

See Technical and Safety Data Sheets at [www.tufftex.com.au](http://www.tufftex.com.au)

TUFFTEX TUFF Primer | TUFFTEX COARSE Acrylic Texture | TUFFTEX TUFFShield Texture Paint

#### QUICK GUIDE: TUFFTEX TUFFSHIELD TEXTURE PAINT (TP)

Size: 15L Pail Coverage: up to 50-60m<sup>2</sup> per Coat depending on the coarseness of the substrate- 2 Coats Required over Tufftex COARSE Acrylic Texture.

Application: Paint Roller

See TDS and SDS at [www.tufftex.com.au](http://www.tufftex.com.au)

## WARRANTY TO CUSTOMER

Product(s) Code: TUFFCOAT AC, TUFFTEX COARSE ACRYLIC TEXTURE, TUFFSHIELD TEXTURE PAINT

Applicator's Name:

Substrate: Ritek XL Wall System

Application Date: (start/finish):

Address:

Builder/Client: RITEK APPROVED BUILDER

TUFFTEX (ABN 487 128 48 635) of 3 Hunt Street, Malaga ('TUFFTEX') warrants for a period of 10 years from the date of purchase that the products purchased from TUFFTEX to complete the architectural coatings for the AFS Logicwall® specification, will be free from defect due to defective factory workmanship or materials subject to compliance with the conditions below.

## CONDITIONS OF WARRANTY

1. The claimant must provide written proof of purchase of all TUFFTEX system product and make a written claim within 30 days after the defect would have become reasonably apparent to the claimant or if the defect was reasonably apparent prior to the installation of the goods, then the claim must be made prior to installation. The claimant must provide dated digital photographs showing the alleged defect with such written claim will not be processed.
2. This warranty is not assignable or transferable.
3. This product must be installed and maintained strictly in accordance with the relevant TUFFTEX literature current at the time of installation and must be installed by an experienced and skilled applicator.
4. The Product's components are stored in an approved manner and used within the recommended shelf life as advised by TUFFTEX.
5. The claimant's sole remedy for breach of warranty is at TUFFTEX's option that TUFFTEX will either supply a replacement product or rectify the defective product. It is acknowledged by the claimant that the liability of TUFFTEX is strictly limited to the product replacement only.
6. Tufftex will not be liable for any claims, damages or defects arising from or in any way attributable to poor and/or faulty workmanship in its application, or structural movement and/lack of expansion and control joints and or their placement/or cracking and/or movement of materials and/or substrate to which the product is attached, incorrect and/or faulty design and/or construction's structure. Extreme Climate can cause colour fade over time. Other factors such as efflorescence, normal wear and tear, growth of mould, mildew, fungi, and bacteria or any other organism on any product surface or product (weather exposed surfaces), hydrostatic pressure or entrapped moisture, maltreatment, such as mechanical damage, either during installation or at some subsequent time may deter the performance of coatings applied to the product.
7. If meeting a claim under this Warranty involves re-coating of product, there may be slight colour differences between the original and replacement products due to the effects of weathering and variations in materials over time.
8. This warranty is subject to and conditional upon the claimant to whom this material warranty applies having used the Tufftex full system of products. In the event other products not being those produced by TUFFTEX are used then no warranty shall apply.
9. Any unpaid money outstanding will void the warranty.

**NOTE:** This is a product warranty. The TUFFTEX approved Applicator/Installer will provide a separate warranty for their workmanship.