

Multitex Wall Coating System for QT EcoSeries® Wall Panel

DESCRIPTION

QT EcoSeries® Wall Panel System have been designed as masonry veneer walls for use on residential and low-rise commercial type buildings, the QT EcoSeries® Wall Panel System provides the user with an exterior wall solution.

INSTALLATION

Building workmanship must comply with relevant building codes and be in accordance with the current QT® Exterior Wall System current fixing manual and technical specifications.

MULTITEX WALL COATING SYSTEM RECOMMENDATION FOR QT ECOSERIES® WALL PANEL


The Multitex coating System and components recommended for use on QT EcoSeries® Wall Panels are as follows;

SYSTEM	PRODUCT
Stage 1. Base Preparation – Render Base coat	Multitex Dry Mix Board Render and QT ARFG Mesh
Stage 2. Protective – Primer coat	Multi Prime*
Stage 3. Decorative – Texture coat	Multitex Trowel or Roll On range Texture coat finishes*
Stage 4. Finish paint – Top coat	Multi Shield (in Lo-sheen or Matt)*

* can be tinted to required colour

Please refer to the Product Data Sheet and Material Safety Data Sheet before use.

APPLICATION INSTRUCTIONS

Stage1. BASE PREPARATION - Render Base coat -1st coat mandatory, 2nd coat -optional -- TROWEL ON 

Product: Multitex Dry-Mix “Board” Render and QT 160gsm 5 X 5 mm Alkali resistant FG Mesh or equivalent.

Packing: 20 Kg paper sack, Coverage: 4 to 4.5 Sq M per bag @ 3 – 5mm thickness

- All surfaces to be rendered must be clean, sound and free from contaminants including; oil, mould release, dust, dirt, silicone, mud, grease, salt, efflorescence, animal droppings and any loose or flaking material.
- Mix one (1) 20kg bag of Multitex Dry Mix Board Render to @ 3.5 - 4 litres of clean water using a power stirrer.
- Add the Dry Mix to water steadily while mixing with a power stirrer until the consistency is smooth and lump free. Allow the mix to stand for 5 minutes, remix before use or before adjusting consistency if required.
- Apply a 3 - 5mm basecoat of Multitex “Board Render onto the QT Panel using steel trowel with enough pressure and whilst the basecoat is wet embed a full layer of alkali resistant woven fibre glass mesh, ensuring that the mesh pieces overlap by a minimum of 100mm. Strips of Mesh 45° or equivalent, 300mm long by 150mm, should be embedded across the corner of all windows and door openings.
- In the same sequence apply another coat of Render at a thickness of 2-3 mm on top of the Full Mesh embedding the mesh between these two layers of Render, on setting use a straight edge and screed surface, thereafter using a polystyrene float finish the surface to achieve an even and true surface. A further levelling coat is required only if the previous mesh coat is not of a satisfactory standard for the application of the subsequent texture product. Mesh is not required for the 2nd render coat.
- Allow 3-7 days to cure depending on the drying conditions prior to commencing the protective primer coat. Do not render over control joints.

Stage 2. PROTECTIVE - Primer coat –single coat application -- ROLL ON , SPRAY ON or BRUSH


Product: Multi Prime – Packing: 15L plastic pail, Coverage/coat: 100-120 SqM per pail. (6.6 – 8 SqM/L)

- MultiPrime may be applied by brush, roller, and convention or airless spray. A 20mm or long nap roller is recommended for coating the render surface. Allow to dry for 1 hour before texture application.

Stage 3. DECORATIVE –Texture coat – single coat application---- TROWEL ON  or ROLL ON 

Product: Multi Texture Trowel range and Roll On range –Packing 15L plastic pail, Coverage/coat: refer to PDS for Textures.

- Apply the selected Trowel-On or Roll-On texture as per the current version of the Product Data Sheet (PDS). Application must be carried out in a brisk uniform fashion, terminating only when a whole area or section is completely coated, for example, at a natural break, expansion joint or corner. Do not texture over control joints.

Stage 4. FINISH - Top coat – two coats may be required -- ROLL ON , SPRAY or BRUSH

Product: Multi Shield – Packing: 15L plastic pail, Coverage/coat: 80-90 SqM per pail.(5.5 – 6SqM/L)

- MultiShield may be applied by brush, roller, and spray. A 20mm or long nap roller is recommended for coating the texture surface. For further information refer to PDS for MultiShield.

**OVERVIEW OF MULTITEX WALL COATING RECOMMENDATION
FOR QT ECOSERIES® WALL PANEL SYSTEM**

Stage 1 — BASE PREPARATION – RENDER BASE COAT TROWEL ON 

RECOMMENDED PRODUCT: MULTITEX DRY MIX BOARD RENDER AND QT MESH or equivalent – (160gsm 5 X 5 mm Alkali resistant FG Mesh.) Forming part of the Multitex Wall coating system, Multitex’s DryMix Board Render is a superior quality hi-strength cement based, polymer modified render containing washed and graded medium silica sand, acrylic powder and proprietary additives. It is easy to apply, has excellent adhesion and strength. It does not require the addition of bonding agents. Multitex Board Render provides the ideal base for the subsequent application of variety of top coat’s including Multitex Decorative Textures and Finish range coatings.

Stage 2 — PROTECTIVE - PRIMER COAT ROLL ON 

RECOMMENDED PRODUCT: MULTI-PRIME


Roller applied Multi-Prime is used as a protective undercoat primer for the MULTITEX coating system and is applied to the render substrate to unify the substrate porosity and reduces consolidates suction, it ensures maximum inter-coat adhesion and provides excellent key for following texture and topcoats. Multi-Prime can be tinted to required colour.

Stage 3 — DECORATIVE & DURABLE TEXTURE COAT

TROWEL ON  or ROLL ON 

RECOMMENDED PRODUCT: MULTI- TEXTURE TROWEL ON or ROLL ON RANGE

The texture coat provides the desired look, finish, integrity, flexibility and long term durability to the entire cladding system. The trowel on textures generally is a one coat application, firstly using a steel trowel to spread evenly and secondly floating off with a plastic float. Can be colour matched to an extensive range. The roll on texture is also a one coat application, using different set of roller profiles fine, medium or a coarse finish can be obtained.

Stage 4 — FINISH - TOP COAT - two coats may be required ROLL ON 

RECOMMENDED PRODUCT: MULTI-SHIELD (Low Sheen or Matt)

Roller applied Multitex MultiShield is recommended as the top coat for the system, this is a specifically designed product for exterior performance and durability, and is a protective coating for the base system configuration providing other than colour (in extensive range) flexibility, resistance to dirt pick up , resistance to atmospheric pollution, Ultra Violet, moisture ingress and salt penetration.

