

Standard Specification for the application of Chevaline Arcutexx textured process to exterior cement/cellulose-fibre board, cement plaster and high-quality concrete surfaces

Project:
Specification: P117
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1.0 PREAMBLE:

This specification is for the application of the **Chevaline Arcutexx** roller texture process to smooth cementitious surfaces in exterior situations. The process is either a three coat or four coat process depending upon the location, appearance required and need for easy cleaning properties.

2.0 SURFACE PREPARATION:

2.1 Concrete:

All surfaces shall be formed to NZS 3114:1980 F4 standard and water blasted for preference, or stiff wire broomed if water jet access is impractical, to expose all airholes and imperfections. Nibs and protrusions shall be removed by stoning or grinding.

2.2 Cement Plaster:

Shall be finished to a light sponge finish and allowed to cure a minimum of 10 days before coating application is begun.

2.3 Cement/Cellulose-Fibreboard:

Shall be broomed to remove all surface detritus.

3.0 SURFACE PRETREATMENT:

3.1 Concrete and Cement Plaster:

Surface imperfections shall be filled with **Contract Filler**, finished flush and allowed to dry at least four (4) hours or until through-dry before coating work is begun. This product is sandable.

3.2 Cement/Cellulose Fibreboard:

Where open joints (with back gasket) are required, all edges and the back face within 150 mm (minimum) of the edges shall be primed with **Coverall Primer Sealer** thinned with water by 10% applied by brush at 8-10 sqm/litre before sheets are fastened in place. Fastening shall be in strict accordance with the board manufacturer's instructions for the specific construction form.

3.3 Movement/Expansion Joints:

- .1 All expansion/movement joints and/or sealed joints in cement/cellulose fibreboard surfaces shall be correctly chased or formed, primed and caulked with Tremco **Dymonic 100** sealant installed in accordance with the manufacturer's instructions.



.2 Sealant beads shall be allowed to cure a minimum of four (4) days and shall then be overcoated with a barrier coat of **Traxx Primer 1150** applied by brush.

Note: This step is necessary only if sealant beads are to be overcoated, otherwise sealant shall be masked out or installed after coating application.

4.0 COATING APPLICATION:

4.1 Primer:

All surfaces to be coated shall be primed with one (1) coat of **Chevaline Coverall Primer Sealer** applied at a spreading rate of 9-10 sqm/litre and allowed to dry. Application shall be by brush or roller.

4.2 Construction Joint Treatment:

All formed (non-moving) joints and areas exhibiting hairline cracks shall be striped out with a brush application of **Chevaline Flexx** applied at 2.5-3.0 sqm/litre. Such application shall extend at least 50mm to each side of the discontinuity and shall be feathered out and allowed to dry overnight.

4.3 Texture Coat:

Apply by texture roller one (1) coat of **Chevaline Arcutexx** at a spreading rate of 1.6-1.8 sqm/litre to give an even texture matching a previously approved site sample and allow to dry overnight.

4.4 Topcoat:

Apply by roller one (1) coat of **Chevaline Coverall** at a spreading rate of 4.0-4.5 sqm/litre as a smooth even coat and allow to dry overnight.

4.5 Glazecoat:

Apply by roller one (1) full coat of **Chevaline Colourglaze Satin** or **Matt** at a spreading rate of 10 sqm/litre and allow to dry.

5.0 SPECIFICATION NOTES:

5.1 Three (3) Coat System:

In situations where airborne pollution and consequent risk of dirt pick up is not excessive, and a semi-gloss finish is acceptable, the Glazecoat (4.5 above) may be deleted, without affecting the long term programmed maintenance properties of the coating process.

This is not recommended in industrial or central city locations, where the four (4) coat system would be used.

5.2 Sealant Joints in Fibreboard Panels:

Because of their location and size, such joints are invariably overcoated. Care must be taken prior to barrier coating, to ensure that a smooth panel to panel transition exists. This may necessitate planning of the sealant surface, board surfaces or both to remove any other than planned shadow effects.



6.0 MAINTENANCE AND WARRANTY:

6.1 Maintenance:

The applied finish may be cleaned at any time by washing with a weak (0.1%) neutral detergent.

When required, as part of normal programmed maintenance the process may be recoated using the same topcoat as the original applied finish (after touch up of any mechanical damage) in either one or two coats depending on colour requirements and surface condition.

This process is not a graffiti resistant coating system. If graffiti resistance is required or desirable, the Manufacturer should be consulted for an alternative topcoat recommendation for the areas concerned.

6.2 Warranty:

A warranty may be issued as to the film integrity of the **Chevaline Arcutexx** System for a period of up to but not exceeding ten (10) years, provided that:

(a) All work is carried out by the Approved Equus Applicator.

(b) All work is done in accordance with this specification, and any amendments or alterations thereto issued by the Manufacturer.

Such a warranty is issued by the Approved Equus Applicator carrying out the work and is backed by the Manufacturer as to the fitness for use of the materials supplied for the work.

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