

Standard specification for the application of the Chevaline Coverall process to interior building surfaces

Ref. P1042
November 1992
Page 1 of 5

1.0 PREAMBLE:

This specification is for the application of **CHEVALINE COVERALL** 3 to 5 coat systems to all common interior building products. The system, is generally waterborne thus ensuring the ability to carry out application without great inconvenience to other trades or building users.

Options within the specification exist for glaze-coating and application of an embossed surface by spray.

Where slight surface defects are to be masked, an embossed system is recommended, with the degree of texture to be dictated by client or operational requirements.

Overglazing is recommended in all situations where heavy traffic use and/or ease of surface cleaning is required.

2.0 SURFACE PREPARATION:

2.1 General - Responsibility:

Unless expressly agreed otherwise at time of contract pricing, all work in this section shall be the responsibility of the Main Contractor, whether carried out by his own staff, other sub-trades or the Specialist Finishes Sub-Contractor. In the latter case, such preparatory work shall be price separately from work defined in Sections 3.0-5.0 inclusive.

2.2 Hard-Wall Plaster, Cement Plaster:

Shall be finished true and free of blemishes. Cement plaster shall for preference have very light sponge finish. Any crazing in surfaces shall be filled and flushed with either hard-wall plaster or **CHEVALINE TROWELTEXX FINE**.

2.3 Gib-Board, Plasterboard:

Shall be fixed, stopped, and jointed strictly in accordance with Manufacturers instructions so as to achieve a smooth, jointless surface.

2.4 Customwood, Plywood:

Shall be fixed in accordance with Manufacturers instructions, generally using countersunk screw-fastening. Screws shall be flushed using **TRAXX FILLER** or an approved epoxy filler, cured and sanded smooth.



Joints shall normally be a patent jointing system or filled in accordance with the sheet Manufacturers instructions, having regard to the means of construction, and shall present a continuous surface.

Plywood shall have a minimum NZS 3614 Grade A facing veneer and shall have all defects filled and sanded smooth.

2.5 Movement Joints:

All expansion/movement joints and/or sealed joints between elements shall be correctly chased or formed, primed and caulked with an Approved or polyurethane sealant such as Tremco Dynamic or Acrathane installed in accordance with the manufacturers instructions.

3.0 SURFACE PRETREATMENT:

3.1 Cleaning:

All surfaces shall be cleaned by brooming or air-jetting prior to application of primer coats. If necessary, surfaces shall be vacuum cleaned to remove adherent dust/dirt which may affect primer adhesion.

3.2 Sealant Beads:

All beads of sealant in areas to be coated shall be either masked out (if it is intended they remain exposed) or barrier-coated with a brush application of **TRAXX 1150** or **TRAXX C.S./1150** at least 24 hours prior to coating application, if they are other than approved sealants as listed in 2.5 above.

3.3 Masking & Ventilation:

All adjacent surfaces which are not to be coated shall be adequately masked to protect against overspray contamination. Ventilation of spaces shall be to the outside air, and not to adjacent building spaces is recommended to assist in the drying of the coating particularly where heavy embossing is carried out.

3.4 General:

The Specialist Finishes Sub-Contractor shall assure himself that the surface to be coated is dry and free of contamination before he commences work in any area. Commencement of coating work shall indicate his acceptance of that surface as satisfactory.

4.0 COATING APPLICATION:

4.1 General:

The system shall be applied in a minimum of 3 coats and maximum of 5 coats as set out below. To avoid contamination of other finishes when spray application is used, it is recommended that this finish be applied before other adjacent surfaces are coated.



4.2 Primer:

All surfaces to be coated shall be primed by brush, or roller as follows:

Hard Wall Plaster, Gib-Board, Plasterboard:

One (1) coat of **CHEVALINE PBT** at 10-12 sqm/litre.

Cement Plaster, In-situ & Precast (F5) Concrete:

One (1) coat of **COVERALL 6040 Primer** at 8-10 sqm/litre.

Plywood, Customwood:

One (1) coat of either **CHEVALINE PBT** or **CHEVAPRIME U** at 10-12 sqm/litre.

4.3 Basecoat (all surfaces):

Apply by roller or spray one (1) full coat of **CHEVALINE COVERALL** at 4-5 sqm/litre and allow to dry at least 4 hours before overcoating.

Either:

4.4 Texturecoat (if required):

Apply by air-assisted spray one (1) coat of **CHEVALINE COVERALL** at a spreading rate of between 1.5 - 6.0 sqm/litre, depending on the texture effect required to match a previously approved sample.

Note (1) : Light fleck texture - 5-6 sqm/litre

Medium spot texture - 3-4 sqm/litre

Continuous Heavy spot - 1.5-2.0 sqm/litre

(2) : Where multicolour spot is required, allow for 6 sqm/litre per colour.

Or:

4.5 Bodycoat (if no Texturecoat is used):

Apply by roller or spray one (1) full coat of **CHEVALINE COVERALL** at 4-5 sqm/litre and allow to dry at least 4 hours before overcoating.

4.6 Glazecoat (optional - as required):

Apply by roller or spray either one (1) coat of **CHEVALINE COLOURGLAZE** at 11-13 sqm/litre as supplied or two (2) coats of **CHEVALINE CLEARGLAZE** at 15-16 sqm/litre/coat.

Note: Surfaces with a contrast coloured spot or fleck finish shall be glazed only with **CHEVALINE CLEARGLAZE**.

5.0 GENERAL NOTES:

5.1 Non-glazed Systems:

In areas of low pollution or where minimal public access is anticipated the glazecoat may be deleted without affecting the long term programmed maintenance properties of the coating process.



5.2 Sealant Joints in Board 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 planing of the sealant surface, board surfaces or both to remove any other-than-planned shadow effects.

5.3 Gloss:

For interior glazecoat work, the gloss shall be high-gloss, satin, or eggshell, as determined by the client/specifier.

5.4 Colour:

The final coat of **COVERALL** and the **COLOURGLAZE** coat shall always be the same colour.

5.5 Access:

Because of ventilation and general good spray trade practice, allowance must be made by the Main Contractor to keep all other trades out of areas adjacent to where coating is taking place until work is completed. Reasonable work continuity should be given the Specialist Finishes Contractor to maximise use of the anticipated down-time in the general area of work.

6.0 MAINTENANCE & 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:

The coating system described in this specification may be warranted as to film integrity for a period of up to 10 years, provided that:

- .1 All work is carried out by an Approved Equus Contractor.
- .2 All work is carried out in accordance with this specification or any amendments or additions therefore made by the Manufacturer.

The warranty is provided to the client by the Equus Contractor carrying out the work and is backed by the Manufacturer as the fitness for the purpose of the materials supplied for the contract.



Page 5 of 5
Ref: P1042

7.0 SHORT FORM SPECIFICATION:

"The applied finish (nominate areas) shall be a minimum (nominate 3-coat, 4-coat, or 5-coat) **CHEVALINE COVERALL** process applied strictly in accordance with the Manufacturers instructions as to preparation, pre-treatment and application to provide a continuous, even surface to match an approved site sample. Texturecoat/glazecoat requirements shall be nominated in accordance with stated appearance/performance criteria.

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