

Standard Specification for the application of Chevaline Coverflexx crack addressment system to existing painted plaster surfaces and Chevaline Colourglaze finishing coat

Project:
Specification: P1050
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1.0 PREAMBLE:

This specification is for the application of **Chevaline Coverflexx / Colourglaze System** to existing painted or non painted plaster and concrete surfaces.

Allowance is made to address all areas where drummy or spalling plaster is evident in this specification. All areas of major and minor cracks are also addressed, in all cases all materials are manufactured by Equus Industries and are designed specifically for building movement and long-term Ultraviolet attack. Specifically, the use of **Chevaline Coverflexx** is to provide an anti-carbonation waterproofing membrane to the existing vertical and horizontal plaster surfaces. In all cases the waterproof membrane shall be finished with **Chevaline Colourglaze** to provide a finish with excellent self-cleaning properties.

Allowance is made for all surfaces to be sealed with **Tremco Dymonic 100** sealant around all penetrations, windows and rainwater goods where appropriate.

The system used is fully compatible with existing systems, and if work is carried out in the correct manner according to this specification, valid warranties shall be given.

2.0 SURFACE PREPARATION:

2.1 Moss Treatment:

All surfaces shall be treated with an approved moss kill solution to kill all moss/mould spores and growths. Stipulated kill times shall be observed. Excessive growth may be removed mechanically, before moss-killing, to maximise treatment effectiveness.

Note: Badly affected surfaces may require treatment before and after coating application.

2.2 Cleaning:

Unless precluded by access considerations, all surfaces to be coated shall be thoroughly water blast cleaned to remove all dirt, moss/mould residues, surface pollutants and loose or friable paint or cementitious material. Where water blasting is not possible, surfaces shall be wire broomed, supplemented where necessary by sanding/grinding/scraping.

2.3 Drummy Plaster Repair:

Any drummy plaster shall be hacked out, and all surfaces repaired to a true profile using the patch mortar **Schomburg Asocret Bis**. Patched plaster shall cure at least five (5) days before coating work begins.

Spalled Plaster Repairs and Metal Protrusions:

This relates to all areas where spalling plaster/concrete is evident.

- .1 Allow to hac -out and remove all metal protrusions that are redundant.
- .2 Allow to treat residual exposed steelwork with Protexx Zincure.
- .3 Allow to slurry out existing concrete surface with Schomburg Asocret KS/HB as a slurry
- .4 For repairs deeper 5mm to 40mm:
Schomburg Asocret Bis 5/40
- .5 For repairs 40mm plus:
Schomburg Asocret Bis 5/40 second layer, possibly with stainless support pins
- .6 For finishing skim 1 to 6mm:
Schomburg Asocret Bis 1/6
- .7 Allow to stone all surfaces smooth and to shape as required to match the existing profile.
- .8 All repairs shall cure at least 5 days before commencement of coating work.

3.0 SURFACE PRETREATMENT:

3.1 Window Frames:

The waterproof integrity of the window frames contained in the surface shall be checked. If water entry is proven or possible, the junction between frame and wall shall be raked out and sealed with **Tremco Dymonic 100**, which shall be correctly installed and allowed to cure for a minimum of five (5) days before coating application begins.

3.2 Rainwater Goods:

All rainwater goods, gutters, flashings and capping's associated with the wall to be coated shall be checked for soundness and where necessary replaced or repaired. This is particularly important where blistering or rupture of the existing coating predicates water entry to the building fabric from areas other than the previously coated surfaces.

3.3 Making Good of Exposed Cracks: All cracks are repaired after primer application as in 4.1

- .1 Any cracks exposed during cleaning and stripping which are 3 mm+ in width shall be raked out and caulked with **Tremco Dymonic 100**, which shall cure for five (5) days before further coating application takes place.
- .2 Any exposed cracks which are less than 3 mm width shall be raked clean and filled proud with **Chevaline Superflexx** which shall be allowed to dry overnight before coating.
- .3 Any exposed hair cracks shall be striped out with a full coat of **Chevaline Coverflexx** and allowed to dry overnight before coating.

4.0 COATING APPLICATION:

All surfaces:

4.1 Primer:

Allow to prime all bare plaster with one (1) full coat of **Chevaline Chevaprime U** at 8 sqm/litre, applied by brush or roller. Allow 4 hours to dry before Bodycoat.

4.2 Bodycoat Application:

Apply to all primed and previously painted surfaces two (2) full coats of **Chevaline Coverflexx** by brush and roller at a spreading rate of 4.0 sqm/litre by brush or roller to provide an even surface texture. Allow to dry overnight.

4.3 Topcoat Application;

Apply to the entire wall surface by brush or roller one (1) full coat of **Chevaline Colourglaze** at a spreading rate of 9sqm/litre as supplied per coat. Apply by brush or roller. Allow a minimum of four hours dry time.

5.0 SPECIFICATION NOTES:

5.1 System Integrity:

All items in 3.0 to 3.4.3 inclusive can be regarded as steps necessary to restore the existing surfaces to its original waterproof integrity. The topcoats specified in 4.0-4.5 will serve to protect the waterproof basecoats with a durable, flexible system.

5.2 Gloss Level:

The client shall stipulate whether the finish shall be Satin or Gloss.

5.3 Colour:

On any surface, the final two coats shall be the same colour

5.4 Spreading Rate:

The quoted spreading rates must be adhered to, to achieve the correct film build for long-term performance.

5.5 Graffiti Resistance:

This system may be overcoated with **All Remove** applied in two thin coats for maximum protection.

6.0 MAINTENANCE AND WARRANTY:

6.1 Maintenance:

This coating system may be cleaned at any time by low-medium pressure washing with a weak (0.1%) solution of neutral detergent. When recoating is required, either to maintain long term film integrity or for colour change, this may be carried out using one or two coats of **Chevaline Colourglaze**. Where major colour change is involved the Manufacturer should be consulted for a specific recommendation.

6.2 Warranty:

A warranty may be issued as to the waterproof integrity of **Chevaline Coverflexx/ Colourglaze** system for a period up to but not exceeding ten (10) years, provided that:

- (a) All work is carried out by an 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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