

## Standard Specification for the application of the Coverall waterproofing system to unpainted concrete masonry and off form concrete surfaces

Project:  
Prepared for:  
Specification: P112  
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### 1.0 PREAMBLE:

This specification is for the application of a minimum three coat **Chevaline Coverall** system as a long-life easy maintenance waterproof coating system on new and/or unpainted concrete masonry. The same system may be used on off form concrete where the concrete surface is 'open' and typically poured against timber formwork.

### 2.0 SURFACE PREPARATION:

- 2.1 All concrete masonry surfaces shall be clean, dry and de-nibbed to present an even surface. Pointing may be either raked or flush. Existing walls may require moss killing and/or high-pressure water blasting to ensure existing mould growth, surface dirt and detritus is removed to expose sound blockwork ready for coating.
- 2.2 All concrete surfaces shall be clean, dry and free of nibs or protrusions. Any major defects shall be patched with a sand/cement plaster mix gauged with **Chevacryl Admix** to ensure good adhesion and even cure. Existing walls may require moss killing and/or high-pressure water blasting to ensure existing mould growth, surface dirt and laitance/scale are removed exposing a sound surface.

### 3.0 SURFACE PRETREATMENT:

- 3.1 **Cracks:**  
All surface cracks shall be either filled with **Chevaline Superflexx** after 'veeing' out to 3 mm width or striped out with a 30-50 mm band of **Chevaline Flexx**. Construction/pour joints in concrete surfaces shall be striped out with **Flexx**.
- 3.2 **Expansion Joints:**  
All movement and expansion joints shall be correctly chased, primed and caulked with an approved two component polysulphide sealant, working strictly in accordance with the sealant manufacturer's instructions. The sealant bead shall cure at least four days before overcoating and shall be striped out with **Traxx Primer 1150** before the coating application is begun.

### 4.0 COATING APPLICATION:

- 4.1 **Primer:**  
All surfaces shall receive one (1) coat of primer brush or brush/roller applied and chosen from:

- (a) Tight Concrete Masonry, Off Form Concrete -  
**Chevaline Coverfil** primer at 4-4.5 sqm/litre.
- (b) Porous or Rough Concrete Masonry -  
**Chevaline Blockfil** at 2.5-3.5 sqm/litre.

The primer shall dry overnight before overcoating is carried out.

#### 4.2 Bodycoat:

All surfaces shall receive one (1) full coat of **Chevaline Coverall** applied by spray or roller at a maximum spreading rate of 4 sqm/litre and shall be allowed to dry overnight.

#### 4.3 Topcoat:

All surfaces shall receive one (1) full coat of **Chevaline Coverall** applied by spray or roller at a maximum spreading rate of 5 sqm/litre and shall be allowed to dry overnight.

#### 4.4 Glazecoat:

All parapet caps and surfaces likely to be subjected to environmental stress shall receive one coat of **Chevaline Colourglaze** applied by brush, spray or roller at a spreading rate of 9-10 sqm/litre mixed and diluted with clean tap water as per manufacturer's instructions. Areas to receive this coat shall be clearly delineated in schedules/plans.

The use of **Chevaline Dexx** membrane to parapets is recommended in high risk situations. Refer specification **Chevaline Dexx** P3012.

### 5.0 SPECIFICATION NOTES:

- 5.1 This system may be overcoated with **Chevaline Colourcure** or **Chevaline Clearcure** for graffiti resistance and cleaning ease where these are important considerations. Normally two coats of either material at nominated spreading rates shall be applied.
- 5.2 The quoted spreading rates must be adhered to achieve the correct film build for long-term performance. With roller application this may require additional coats in certain circumstances.
- 5.3 Where **Chevaline Colourglaze** is used in conjunction with this system, the finish of the product shall be specified in Gloss, Satin or Matt by the client or his representative prior to commencement of work.

### 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 either 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:

The coating system described in this specification may be warranted as to film integrity for a period of up to 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, or any amendments or alterations thereto issued by the Manufacturer.

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

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