

## Standard specification for the application of Chevaline Clearglaze/ Clearglaze-T to pre-cast and in-situ fairface concrete (F5 finish)

Ref: P1502  
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### 1.0 PREAMBLE

This specification is for the application of a **Chevaline Clearglaze** system to high-quality precast concrete components and in-situ concrete surfaces. This specification is normally used for architectural concrete only. If trafficable surfaces are to be sealed, alternative specifications are available. The Specification is for a two or three coat system, depending on surface porosity and the finish achieved gives minimum surface colour change in any of gloss, satin or matt finishes. Use of **Chevaline Clearglaze – T** allows for semitransparent colouration of the concrete surface, to even out colour and minimise defects.

### 2.0 SURFACE PREPARATION'

#### 2.1 Newly Cast Surfaces:

24-48 hours after casting spray all surfaces with one (1) coat of **Chevaline Clearglaze** diluted with water in the ratio 2:3 **Clearglaze**:water. Apply evenly at a spreading rate of approximately 12 sqm/litre of mix and allow to dry.

#### 2.2 Aged Surfaces:

All surfaces to be coated shall be high-pressure water-jetted to remove any accumulations of dirt, mould, laitance or construction debris. Note that ingrained mould growth will require mould-killing using an approved moss-kill solution at least 72 hours prior to waterblasting to ensure that all spores are killed prior to removal.

#### 2.3 All Surfaces:

Any minor cracks in the cement matrix shall be sealed by knifing in **Chevaline Clearfil** and allowing to dry before overcoating. Major cracks may require application of gun-grade **Tremfil 101** clear sealant.

**Note:** This application may be carried out either at this stage, or between the first two coats of **Chevaline Clearglaze**. Timing will be dictated by degree of treatment needed, whether the surface is new or aged, and access considerations.

### 3.0 COATING APPLICATION:

#### 3.1 Primer-sealer:

A flood-coat of **Chevaline Clearglaze** shall be applied by brush or spray. The material shall be applied to excess, to a point where the surface will absorb no more, and run-off begins. *Dilution:* Will depend on surface porosity but a ratio of **Clearglaze**:water 2:3 by volume is recommended. *Spreading*

*Rate:* Will depend on surface porosity and profile. An average rate would be 4-6 sqm (measured area)/litre of mix. Allow to dry overnight.

#### 3.2 Bodycoat:

This coat is normally only required if the surface is very porous or broken. Apply **Chevaline Clearglaze** by brush or spray using the same dilution as the previous coat. *Spreading Rate:* Average rate 6-8 sqm (measured area)/litre of mix. *Note:* If the final coat is to be **Clearglaze**



Matt, **Clearglaze Matt** or **Satin** should be used for this coat for maximum effectiveness. Allow to dry overnight.

### 3.3 Topcoat:

Apply by brush or spray a coat of **Chevaline Clearglaze**. Whether this is Gloss, Satin or Matt shall be nominated by the specifier. *Dilution:* Equal parts **Clearglaze**: water in the recommended ratio.

*Spreading Rate:* 6-8 sqm (measured area)/litre of mix.

### 3.4 Note:

The recommended method of application on rougher profiles and particularly with **Clearglaze Matt** or **Satin** is by spray, to avoid excessive build-up in crevices and ensure even coating of the entire surface.

## 4.0 CLEARGLAZE-T APPLICATION

Where **Clearglaze-T** is the finish of choice, this shall be applied as a two-coat system.

### 4.1 Primer Sealer:

As 3.1 but **Clearglaze** or **Clearglaze-T** depending on oblitative effect required

### 4.2 Topcoat:

As 3.3 but apply by spray or roller **Clearglaze-T**.

## 5.0 MAINTENANCE:

5.1 General cleaning may be carried out by washing (hosing) with water or weak (0.1%) neutral detergent solution.

5.2 If recoating is required, application of **Chevaline Clearglaze** can be carried out according to the above procedure.

5.3 If the surface is contaminated by graffiti which is not removable by normal washing, we recommend the application of a layer of **Chevaline Clearstrip** to the surface. This should be left for 45-90 minutes, and then scrubbed or preferably waterblasted from the surface together with all residues.

**Clearstrip** should lift the **Clearglaze** film and surface contamination relatively cleanly from the surface which should then be thoroughly rinsed, allowed to dry and recoated.

## 6.0 WARRANTY:

Depending on compact circumstances, a warranty for film integrity of the applied system for a period of five (5) years may be made available, provided that:

- A) All work is carried out in accordance with this specification and any written amendments or thereto made by the Supplier.
- B) All work is carried out by an Approved Equus Contractor such a warranty is issued by the Approved

Equus Contractor 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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