

Standard specification for the application of Chevaline Clearglaze to exposed aggregate surfaces.

Ref: P1151
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1.0 PREAMBLE:

This specification is for the application of the **Chevaline Clearglaze** system to exposed aggregate concrete new and existing. Normally this specification is used for cladding surfaces only, and if trafficable exposed aggregate 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 darkening in any of gloss, satin or matt finishes, whilst highlighting aggregate colour.

2.0 SURFACE PREPARATION:

2.1 All surfaces to be coated shall be high-pressure water-jetted to remove any accumulations of dirt, mould, laitence 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.

2.2 Any minor cracks in the cement matrix shall be sealed by knifing in **Chevaline Clearfil**. Major cracks may require application of gun-grade **Tremfil 101** Clear Sealant.
Note: This application can 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 and access to the surfaces being coated.

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 MAINTENANCE:

- 4.1 General cleaning may be carried out by washing (hosing) with water or weak (0.1%) neutral detergent solution.
- 4.2 If recoating is required, application of **Chevaline Clearglaze** can be carried out according to the above procedure.
- 4.3 If the surface is contaminated by graffiti which is not removable by normal washing, we recommend the application of a layer of **Chevaline Clearstrip** or **Biostripper** 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** or **Biostripper** should lift the **Clearglaze** film and surface contamination relatively cleanly from the surface which should then be thoroughly rinsed, allowed to dry and recoated.

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, providing that:

All work is carried out in accordance with this specification and any written amendments or additions thereto made by the supplier.

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/Supplier as to the fitness for use of the materials supplied for the work.

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