CHEVALINE COLOURGLAZE

High durability flexible exterior gloss finish

April 2024

PURPOSE AND AREAS OF USE:
A highly durable gloss-finish glaze coat for use in both exterior and interior situations to provide maximum possible life-to-recoat for most Chevaline Architectural finishes used in commercial and domestic construction. Also used to upgrade performance of existing finishes to provide maximum maintenance-free life.

PRODUCT:
A tough, flexible, high-gloss modified acrylic pigmented overglaze. Waterborne for ease of use and supplied as a concentrate for dilution on site prior to use. Formulated for maximum exterior durability, ease of cleaning, water resistance and high adhesion.

PROCESS COMPATIBILITY:
Colourglaze can be used in conjunction with the following Chevaline bodycoat/topcoats: Covercryl, Troweltexx, Coverall, Covertexx, Dexx, Coverflexx, Covertexx Plus.

COLOURS:
Available in BS2660 and BS5252 colours. A colour matching service is available. Specific colours may not be supplied if the Manufacturer considers that the colour chosen and the end-use specified are incompatible with maximum product performance.

STANDARD PACKS:
5 litre, 15 litre pails.

PHYSICAL PROPERTIES:

Liquid Material	
Solids (% by volume)	41
Specific gravity	1.20-1.251
Flash point	None – waterborne system.
Shelf life	Three years in original sealed pails when stored in cool dry conditions.
Applied Film	
Flexibility	Passes 3 mm mandrel.
Durability	Excellent long-term service can be expected. The coating has been specifically formulated for maximum UV resistance and weatherability.
Chemical resistance	Good resistance against general atmospheric pollutants, domestic cleansers, and normal household pollutants. Limited resistance to solvents and oils.
Fungus resistance	Chevaline Colourglaze contains a highly effective anti-fungal preparation which does not contain toxic metals or phenols.
Normal film thickness	23-25 microns per coat.

SURFACE PREPARATION:
Previously coated surfaces (old or new)
1) Surfaces coated with Chevaline process listed under “Process Compatibility”:
Ensure surface is clean and dry. If necessary, use medium-pressure water washing to ensure the surface is thoroughly clean. On old surfaces, repair any existing mechanical damage with the same process as before prior to recoating.

2) All other surfaces:
If the existing coating is known to be water-based material and is in sound condition treat as in 1) above. On all other surfaces, clean and apply a test area of Chevaline Colourglaze before proceeding with the complete treatment. If doubt exists as to compatibility, alter the specification to include one full coat of Coverall or Covercryl depending on surface profile.

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PRIMING:
Colourglaze is only applied to existing coatings, whether old or new. This on those surfaces:

1) Coated with a compatible Chevaline process: no priming needed.
2) On other surfaces: if a test patch or surface condition indicated prime with one coat of Coverall at 10 sqm/litre.

APPLICATION METHOD:
Colourglaze can be applied by brush or roller, conventional or airless spray. It is supplied as a concentrate and must always be diluted on site with clean tap water prior to application. The amount of dilution will depend on application equipment and conditions and the figures given below are indicative only. It is important that the spreading rates per litre of Colourglaze concentrate given for a particular surface in "Application Properties" are achieved, and dilution required is measured by this criterion, coupled with application method.

Brush	Use a varnish brush on textured surfaces. Use a varnish brush or "speedbrush" on smooth surfaces. Dilution: 3-6 L water/15 L Colourglaze Concentrate.
Roller	Use a short-nap or foam roller on smooth surfaces. Use a medium-nap roller on low-medium textured surfaces. Dilution: 3-6 L water/15 L Colourglaze Concentrate.
Conventional spray	De Vilbiss JGA-FF tip or similar. Dilution: 3-6 L water/15 L Colourglaze Concentrate.
Airless spray	0.22-0.28 mm or 11-13 thou tip. Dilution: 3-6 L water/15 L Colourglaze Concentrate.

APPLICATION PROPERTIES:
Spreading Rate: Will vary depending on surface profile. The aim is to achieve the correct dry film build in each of two coats and the figures quoted are all expressed in terms of concentrate material as supplied by the Manufacturer.

Smooth surfaces (e.g. Chevaline Coverall)	15-17 sqm/litre (225-255 sqm/15 L pail/coat)
Low profile texture surfaces (e.g. Chevaline Arcutexx)	13-16 sqm/litre (195-240 sqm/15 L pail/coat)
Medium profile texture surfaces (e.g. Chevaline Covertexx)	12-14 sqm/litre (180-210 sqm/15 L pail/coat)
High profile texture surfaces (e.g. Covertexx Plus)	11-13 sqm/litre (165-195 sqm/15 L pail/coat)

Dry Time:

Touch dry	1-2 hours
Through dry	2-4 hours
Dry to recoat (self-coat)	1-2 hours

SPECIFICATION NOTES:
Chevaline Colourglaze is always used as an overglaze to enhance the long-term durability of process by providing a surface which is more easily cleaned, less liable to retain pollutants and provides a generally lower maintenance finish. While Colourglaze provides an excellent finish which can be used in industrial areas, it is not claimed to be a chemical resistant finish in the accepted sense, nor is it claimed to be a graffiti-resistant surface. Maximum performance is achieved by application of Colourglaze in two thin coats as true "glaze" or "lacquer" after appropriate onsite dilution, and it should always be specified accordingly. Colourglaze is not a process in its own right, except when it is being used to upgrade an existing system which is itself in reasonable condition. There are thus two specifications covering the use of the material. Appropriate Clauses for use in schedules of Tender documents under "Specialised Finishes" are:

1) Where Colourglaze is being used as the overglaze for a new Chevaline process:
The (*Specify by name*) System shall include Chevaline Colourglaze as a final overglaze, applied in two (2) coats to (*nominate areas*), by a Certified Equus Contractor working strictly in accordance with the Manufacturers instructions for use of the material to achieve maximum performance.

2) Where Colourglaze is being used as a system to upgrade an existing Chevaline process or alternative system:
The system shall comprise Chevaline Colourglaze applied in two (2) coats to (nominate areas) by a certified Equus Contractor working strictly in accordance with the Manufacturers instructions for use of the material to achieve maximum performance.

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SPECIFICATION NOTES (continued):
Unless the existing process is one which has been specifically nominated by the Manufacturer as being a compatible surface, the following sentence should also be included:

Prior to application of the Colourglaze system, a test patch shall be applied to the prepared existing surface and checked for compatibility using methods nominated by the Manufacturer.

MAINTENANCE:
Chevaline Colourglaze is a very low maintenance finish. Recoating may be required at from 10-12 year intervals, depending on service conditions. As the purpose of Colourglaze is to protect the underlying system and maintain its overall function, recoating should be timed to occur before damage is caused to the underlying surface. Simply wash with weak (0.1%) neutral detergent solution, rinse and dry prior to recoating. If existing Colourglaze is still in sound condition, and no colour change is required, a one-coat recoat system will suffice. For colour change recoats, always use a two-coat system.

WARRANTIES:
The client may request an application warranty from the Contractor for satisfactory performance of an applied system. Such a warranty will cover workmanship by the Contractor and is backed by the Manufacturer to the extent of the fitness for use of the materials supplied to the Contractor for the particular contract.

When Colourglaze is used as the topcoat for a Chevaline process, the warranty applicable is that which would normally be given for the process to which it is applied, but the terms of the warranty may be extended, depending upon expected service conditions.

When Colourglaze is used as a recoat system, a standard warranty of film integrity is normally applied or the existing Chevaline process warranty may be renewed.

No warranty of graffiti-resistance should be made or implied for any Colourglaze coated surface.

HEALTH AND SAFETY:
Chevaline Colourglaze is a waterborne material and contains no mammalian-toxic substances. It is non flammable and requires no special storage conditions other than protection from frost. However, we recommend the use of barrier cream on hands and safety spectacles when handling/applying this material and the use of cartridge mask when spraying in confined spaces with poor ventilation. For more information refer to Equus SDS 101.

TRANSPORT AND STORAGE:
There are no transport restrictions on Chevaline Colourglaze. The material should be stored in cool dry conditions and protected from frost.

WARNINGS AND BANS:

Is the building product/building product line subject to warning or ban under section 26 of the Building Act 2004?	No

MANUFACTURERS CONTACT DETAILS:

Manufacture location	New Zealand
Legal and trading name of manufacturer	Equus Industries Ltd.
Manufacturer address for service	4 Sheffield Street, Blenheim 7274
Manufacturer website	www.equus.nz
Manufacturer email	info@equus.nz
Manufacturer phone number	03 578 0214

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