

CHEVALINE COVERALL

High-build exterior/interior self-texturing topcoat

September 2023

PURPOSE AND AREAS OF USE:

A versatile high-build flexible topcoat for exterior and interior use in domestic, commercial and light industrial situations. Can be either textured during application or applied over textured bodycoat and may be overglazed where required for ease of cleaning.

PRODUCT:

A thixotropic water-borne acrylic system with in-built flexibility and durability. Has specific early-water resistance and high adhesion properties. Self-priming where appropriate.

PROCESS COMPATIBILITY:

Coverall can be used as a topcoat for the following Chevaline products: Blockfill, Flexx, Troweltexx, Covertexx, Covertexx Plus, Arcutexx, and can be overglazed with Clearglaze, Colourglaze, Clearcure and Colourcure.

COLOURS:

Available in most BS4800 and BS2660 colours. Check with Manufacturer on suitability of some bright and strong dark colours for proposed end use. Colour matching service available.

STANDARD PACKS:

5 litre, 15 litre pails

PHYSICAL PROPERTIES:

Liquid Material	
Solids (% by volume)	45%
Specific Gravity	1.31
Flash Point	None - water-borne system.
Shelf Life	Three years in original sealed pails when stored in cool dry conditions.

Applied Film	
Flexibility	Passes 3 mm mandrel at 200 micron D.F.T. (ASTM-D1737-62) at 20°C on galvanised steel substrate.
Durability	Excellent long term service may be expected from the coating. During formulation, care was taken to ensure that a coating was produced with excellent adhesion, high chalking resistance, low dirt pick up and good colour retention.
Chemical Resistance	Excellent resistance to all normal environmental pollutants. Greater resistance to specific chemicals can be achieved by using Clearcure/Colourcure as overglazes. Ease of cleaning is enhanced by use of Clearglaze/Colourglaze as overglazes.
Fungus Resistance	Chevaline Coverall contains a highly effective anti-fungal preparation which does not contain toxic metals or phenols.
Normal Film Thickness	90-150 microns per coat.

SURFACE PREPARATION:

Plaster, Concrete, Concrete Masonry, Brickwork.

Ensure surface is dry and free of all loose material, efflorescence, dirt, etc. Make sure all efflorescence has ceased. Mosskill where necessary and allow to dry. Remove nibs and protrusions and make good all cracks, holes and surface damage with appropriate fillers or sealants and allow to cure before priming.

Building boards, wallboards etc.

Remove dust, dirt, grease etc and ensure all stopping is adequate and sanded flush. Apply a sealer coat over porous stopping before priming.

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GENERAL PREPARATION:

Make sure all associated movement joints are correctly detailed for elastomeric sealant application either before or after coating, and that any external sources or possible water entry to the wall areas to be coated are eliminated.

PRIMING:

On concrete masonry, "open" off-form concrete, weathered bricks: One (1) coat of Chevaline Blockfil at 2-2.5 sqm/litre depending on surface texture.

On timber products, asbestos cement, cement plaster, gypsum plaster product and "tight" concrete or brick surfaces: One (1) coat of Chevaline Coverall/water 50/50 brushed on at 7-9 sqm/litre or mixed material or one (1) coat alkyd primer/sealer on exposed gypsum plaster.

APPLICATION METHOD:

Roller, texture roller, conventional or airless spray are recommended. This material is thixotropic and is not suitable for large scale brush application. In all cases apply straight from pail, although a smooth application using conventional spray may necessitate thinning up to 10% with water.

Roller application at 3 sqm/litre requires experience. If difficult on site, use a medium nap roller rather than long nap roller and apply in two coats at 5.5-6 sqm/litre per coat.

When spraying: Conventional - use a medium nozzle combination eg. De Vilbiss JGA 107J-D or similar and vary fluid/air line pressures to suit finish required. Airless - use a 0.45 mm tip at 175 kg/cm².

APPLICATION PROPERTIES:

Spreading Rate:

High-build waterproof system topcoat	3 sqm/litre (45 sqm/15L pail/coat)
In two-coat exterior Coverall system and as a topcoat over texture finishes (interior/exterior).	4.5-5 sqm/litre per coat (67.5-75 sqm/15L pail)
As a self textured material.	2.5-4 sqm/litre per coat (37.5-60 sqm/15L pail)
Do not apply Coverall at more than 5 sqm/litre. If thinner films are required use Chevaline Covercryn.	

Dry Time (At normal conditions):

Do not apply Coverall in air temperatures less than 8°C or when surface temperature is less than 5°C.

Touch dry	1-2 hours
Through dry	12-24 hours
Full hardness	7-10 days

Recoat Time:

Water-borne coverglaze:	Allow 4-6 hours under normal conditions.
Solvent-borne overglaze:	Allow 24 hours minimum under normal conditions. At least 48 hours in Winter.
Self-recoat:	As soon as touch dry or when existing coating can withstand subsequent application method. (Allow longer for roller than for spray.)
Note: Normal conditions are 18-23°C and 60-70% Relative Humidity. Cooler conditions prolong dry times.	

Thinning/Cleaning Up:

Use clean water for both. Clean equipment immediately after use. Fully dried material is difficult to remove, especially from spray equipment.

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SPECIFICATION NOTES:

Chevaline Coverall is always used as a component of three or four coat systems. Systems are available to provide external weather-proofing or waterproofing, with or without texture and with easy-cleaning or graffiti resistant properties if required. Other systems are available for interior use, generally textured to clients requirements.

Because of the wide variety of available product combinations, it is possible to provide a system or systems engineered to a client's exact needs with regard to appearance and service conditions.

We recommend that a client contact either the Manufacturer or his local Equus Contractor to discuss their needs and obtain a system to give maximum cost effective performance. Applied sampled of the recommended system(s) will be provided to the client to indicate the appearance/performance for which he contracts.

Where a general specification must be included in tender documents of schedules, the following format is recommended for inclusion under "Special Finishes".

"The Special Finish" shall be a minimum (specify 3, 4 or 5) coat Chevaline process incorporating Chevaline Coverall topcoat with primers/bodycoats/overglaze (delete any inapplicable) specific to the construction surface and performance requirements nominated. The finish shall be applied by an Approved Equus Contractor to all surfaces specified in this schedule working strictly in accordance with application requirements stipulated by the Manufacturer for the surfaces and performance nominated."

MAINTENANCE:

For maximum performance Coverall topcoats should be inspected and recoated on an 8-10 year cycle for exterior use and a 10 year cycle for interior situations. Cleaning should be by low-medium pressure spray using a dilute (0.1% maximum) warm neutral detergent solution. Recoating should be carried out (if required) after cleaning using one further coat of Coverall or the appropriate overglaze (for little or no colour change) or two coats (when considerable colour change from the original system is specified).

WARRANTIES:

The Client may request an application warranty form 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 Applicator for the particular contract.

HEALTH AND SAFETY:

Chevaline Coverall is a water-borne 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. Equus Safety Class 1.

WARNINGS AND BANS:

Is the building product/building product line subject to warning or ban under section 26 of the Building Act 2004?	No
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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
Manufacturer NZBN	9429032000306