

Chevaline Coverall

Low Sheen Finish

High-build exterior/interior topcoat

Purpose & 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 waterborne acrylic system with in-built flexibility and durability. Has specific early-water resistance and high adhesion properties. Self-priming where appropriate.

Process Compatibility:

Can be used as a topcoat for the following **Chevaline** products.

Flexx	Coverall-E	Coverflexx
Coverall-T	Arcutexx	

Can be overglazed with:

Clearglaze	Colourglaze	Chemglaze
Clearcure	Colourcure	PSS-20

Colour:

Available in Australian Standard 2700-1996 colours. Can be tinted to match other colours on demand.

Standard Pack:

4 litre and 15 litre pails.

Physical Properties:

Liquid Material (Concentrate):

Solids (% by volume): 45%
 Specific Gravity: 1.31
 Flash Point: None – waterborne system.
 Shelf Life: Three years – original sealed pails when stored in cool dry conditions.

Applied Film:

Flexibility: Passes 3mm 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.

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 Primer Sealer** brushed on at 7-9 sqm/litre 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 0.45mm tip at 175kg/cm².

Application Properties:

Spreading Rate:

- 1) High-build waterproof system topcoat.
3 sqm/litre (45 sqm/15 litre pail)
- 2) In two-coat exterior **Coverall** system and as a topcoat over texture finishes (interior/exterior).
4.5-5 sqm/litre per coat (67.50-75sqm/15 litre pail)
- 3) As a self textured material.
2.5-4 sqm/litre (37.5-60 sqm/15 litre pail)

Do not apply **Coverall** at more than 5sqm/litre. If thinner films are required, use **Chevaline Colourglaze** or **Chevaline Exterior Lo Sheen**.

Dry Time:

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

At normal conditions.

Recoat Time:

Water-borne overglaze:
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.

Specification Notes:

Chevaline Coverall is always used as a component of three or four coat systems. Systems are available to provide external weatherproofing 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).

Health and Safety:

Chevaline Coverall 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. Equus Safety Class 1.

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.

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