

Chevaline Covercryl

Semi-gloss exterior/interior finish

Purpose And Areas Of Use:

A general purpose high durability semi-gloss coating for use as a coloured topcoat for **Chevaline** textured systems in exterior and interior locations in domestic and commercial situations. Also as a smooth two-coat finishing system in its own right for new and recoat work on all types of construction.

Product:

A low-build semi-gloss water-borne acrylic material formulated for high-durability, light fastness, flexibility and high adhesion. Has excellent flow characteristics and minimal roller splatter.

Process Compatibility:

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

Blockfil Flexx	Covertexx Arcutexx	Troweltexx Covertexx Plus
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Colour:

Available in 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 Pack:

20 litre metal open head pails with plastic head liner. 4 litre plastic pails packed four per cardboard carton.

Physical Properties:

Liquid Material

Volume solids:	37%
Specific gravity:	1.25
Viscosity:	100-115 KU (18-25 poise)
Flash point:	None - water-borne material

Dry Film

Flexibility:	Passes 3mm mandrel
Durability:	Excellent long term service may be expected from this coating. During formulation care was taken to ensure a coating with excellent adhesion, high chalking resistance, low dirt pick up and good colour retention.

Chemical resistance: Resistant to normal household and urban atmospheric pollutants encountered in urban, commercial and light industrial locations.

Fungus resistance: **Chevaline covercryl** contains a highly effective anti-fungal preparation which does not contain toxic metals or phenols.

Normal film thickness: 25-35 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. **Moss-kill** 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 of 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 of mixed material or one coat alkyd primer/sealer on exposed gypsum plaster.

Application Method:

Brush, roller, conventional or airless spray, **Covercryl** has been formulated to minimise roller spatter and brush drip, and prevent overspreading. Thin only if needed because of atmospheric conditions.

Brush: If necessary thin up to 2 litres of water per 20 litre pail for easy flow. Use good quality 100mm brush for most areas.

Roller: Use lambswool, foam, or short nap roller and normally applied unthinned. Thin with up to 2 litres per 20 litre pail with water in hot conditions only.

Conventional Spray: Use De Vibiss JGA 120-EX nozzle combination or similar. Thin up to 3 litres water per 20 litre pail depending on conditions.

Airless Spray: Use 0.39mm -0.43mm tip with 80°C spray angle and apply direct from pail, or thin up to 2 litres water per 20 litre pail depending on conditions.

Application Properties:

Spreading Rate:

Conventional two-coat application - relatively smooth surfaces: 12-15 sqm/litre/coat (240-300 sqm/20L pail/coat)

Topcoat for texture finishes: 10-12 sqm/20L litre/coat (200-240 sqm/20L pail/coat)

One coat recoat work - relatively smooth surface: 10-12.5 sqm/litre/coat (200-250 sqm/20L pail/coat)

Do **NOT** spread **Covercryl** at more than 15 sqm/litre on smooth surfaces. Resist the urge to thin the material to extend spreading rates as this will result in thin films with reduced long term durability.

Dry Time:

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

Touch dry: 30-60 minutes)
Through dry: 2-4 hours) at normal conditions
Full hardness: 2-4 days)

Recoat Time:

Self recoat: When touch-dry (spraying) or as soon as existing coating can withstand brush or roller shear.

Solvent-borne overglaze: Allow 24 hours under normal conditions longer in winter.

Thinning/Clean 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 Covercryl may be specified either as a topcoat for a **Chevaline** textured system, or as a smooth finish system in its own right for new or recoat work. Because of its relatively low film build per coat, it is always specified as a two-coat system when used on its own, and generally also when used over **Chevaline** texture systems. For general re-coat work it may be used as a one-coat system where no colour change is involved.

When used as a **Chevaline** texture process, it will be specified as part of that process. Note that **Covercryl** is not normally used in **Chevaline** processes where movement is required in the applied film - **Chevaline Coverall** should be specified in such situations because of its greater film thickness.

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

"The finish shall consist of two (2) coats of **Chevaline Covercryl** applied over primers (and bodycoats if applicable), 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 appropriate application requirements stipulated by the Manufacturer".

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.

Maintenance:

For maximum performance **Covercryl** 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 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 **Covercryl** in most cases or two coats for major colour change.

Health And Safety:

Chevaline Covercryl 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 a cartridge mask when spraying in confined spaces with poor ventilation.

Equus Safety Class	1
Shipping Restrictions:	Airfreight - none Surface/Sea - none

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