

Chevaline Colourcure-2

Purpose & Areas Of Use:

A high performance long life decorative finish for use in exterior and interior situations. Especially in areas subjected to high UV attack, dirt pollution, but where only moderate chemical resistance is required. Can be used on walls and ceilings, and over smooth or textured surfaces.

Product:

A crosslinking acrylic-modified aliphatic urethane coating with outstanding durability, light fastness and toughness. Produced as a two pack and can be supplied as a gloss, satin or matt finish.

Process Compatibility:

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

Colourglaze Bodycoat	Colourcure Texturecoat
Coverall	Covertexx
Arcutexx	Dexx
Colourcure HB Primer Surfacer	

Colour:

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

Standard Pack:

1 litre, 4 litre packs available.

Physical Properties:

Liquid Material:

Solids (% by volume): Approx 48%
 Specific Gravity: Approx 1.20
 Flash Point: 32°C
 Shelf Life: 2 years in original sealed cans when stored in cool dry conditions.

Applied Film:

Flexibility: Passes 3mm mandrel at 75 micron D.F.T. (ASTM-D1737-62 (1979) at 23°C on galvanised steel substrate).
 Durability: Excellent light-fastness weatherability and chalk resistance.
 Abrasion Resistance: Excellent
 Chemical Resistance: Excellent resistance to pollutants. Moderate resistance to acids, alkalis and solvents.
 Normal Film Thickness: 50-60 microns per coat.
 Fungus Resistance: **Colourcure-2** presents an inert surface which will not support the growth of mould or fungi.

Surface Preparation:

Uncoated Surfaces (Cement base): Ensure surface is dry and free of all loose material, efflorescence, dirt etc. **Mosskill** where necessary and allow to dry. Remove nibs and protrusions and make good surface damage with appropriate fillers or sealants and allow to cure.

Uncoated Surfaces (Metal): Sandblast or clean chemically, depending on metal type or condition.

Uncoated Surfaces (Plastic): Refer to manufacturer for specific recommendations.

Previously Coated Surfaces: If coated with a compatible **Chevaline** process (see Process Compatibility) ensure surface is clean and dry. If coating type is not known, clean down and apply a **Colourcure-2** test patch to check compatibility and adhesion.

Priming:

Where **Colourcure-2** is used as a topcoat for another **Chevaline** process (see Process Compatibility), refer to datasheet specific to that process. For specific **Colourcure-2** processes, primer as follows:

Colourcure smooth process:

Timber & timber products - **Colourcure HB Primer Surface** at 8sqm/litre.
 Open concrete - **Epistixx Primer** at 10 sqm/litre + **Colourcure HB Primer** at 8 sqm/litre.
 Concrete, plaster and cement board - **Epistixx Primer** at 10 sqm/litre.
 Steelwork - **Protexx Zincure** at 10 sqm/litre.

Application Method:

Colourcure-2 can be applied by brush, roller, air-assisted or, for preference, airless spray. If required for ease of application **Colourcure-2** may be diluted with up to 7.5% by volume of **Colourcure Thinners** prior to application.

Brush: Use a high quality varnish brush.
Roller: Use lambswool with nap depending on texture of surface or a foam roller.
Air Assisted Spray: Use De Vilbiss JGA with EX needle combination or similar set up. Ensure feed air is dry.
Airless Spray: Use 0.30 mm tip at 140 kg/cm²
Mix Time: Add Unit B to Unit A while mixing. Mix thoroughly for 3-5 minutes with drill and beater. Allow to stand for 10-15 minutes after mixing before applying.

**Application Properties:****Spreading Rate:**

On smooth surfaces: 8-9.5 sqm/litre coat.
On textured surfaces: 5.5-8 sqm/litre/coat
Pot life: 4 hours

Dry Time:

Do not apply **Colourcure-2** in air temperatures less than 5°C or when surface temperature is less than 3°C.

Sand dry	1 hours
Touch dry	2 hours
Through dry	12 hours
Full cure	5-7 days
Recoat time	4 hours (at 23°C and 50% R.H.)

Thinning/Cleaning Up:

Use **Colourcure Thinners**. Clean equipment immediately after use.

Maintenance:

Colourcure-2 is a highly-durable finish and can be regarded as a minimal maintenance coating. Textured surfaces in polluted atmospheres may require occasional cleaning by low/medium pressure water spray with detergent (0.1% solution). For recoating the surface must be cleaned and well-sanded, followed by wiping with **Colourcure Thinners** and application of a further coat of **Colourcure-2** as soon as the surface has touch-dried.

Health and safety:

Chevaline Colourcure-2 is a solvent based urethane coating. Precautions for handling solvent borne materials must be observed including:

- Storage in cool dry conditions away from naked flames.
- No smoking in area while handling or applying **Colourcure-2**.
- Use of barrier cream on exposed skin.
- Use of solvent cartridge mask and safety goggles while handling material.

Note that this material contains less than 0.2% free isocyanate monomer and presents a low health hazard, but in some countries special handling regulations may apply.

Equus Industries Ltd
PO Box 497
Frankston 3199
Victoria
Phone: 03 9706 6226 Fax 03 9706 4880
Email: tech-support@equus.com.au
Web: www.equus.com.au