

# COLOURCURE-2

High performance, long life decorative finish

February 2024

**PURPOSE AND AREAS OF USE:**

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

**PRODUCT:**

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

**PROCESS COMPATIBILITY:**

Can be used as a topcoat for the following Chevaline products: Arcutexx, Colourcure HB Primer Surfacer, Colourcure Texturecoat, Coverall, and Covertexx.

**COLOUR:**

Available in most BS5252 and BS2660 colours. A colour match service is available. Deep and bright shades may be subject to a colour surcharge.

**STANDARD PACK:**

1 litre, 4 litre batch units available.

**PHYSICAL PROPERTIES:**

Liquid Material	Mixed	Unit A	Unit B
Solids (% by volume)	48*	49*	47
Specific Gravity	1.20*	1.27*	1.01
* Approx. Depends on colour			
Flash Point (°C)	32	34	32
Shelf Life	-	3 years in original sealed cans when stored in cool dry conditions.	2 years in original sealed cans when stored in cool dry conditions.

Applied Film	
Flexibility	Passes 3 mm 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.

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## 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 and timber products	Colourcure HB Primer Surface at 8 sqm/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.
Galvanised steel and non-ferrous metals	Epistixx AC Primer at 12 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 10% by volume of Colourcure AP 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/cm <sup>2</sup>
Mix time	Add Unit B to Unit A while mixing. Mix thoroughly for 3-5 minutes with drill and stirrer. Allow to stand for 10-15 minutes after mixing before applying.

## APPLICATION PROPERTIES:

### Spreading rate:

On smooth surfaces	8-8.5 sqm/litre coat
On textured surfaces	5-5.8 sqm/litre
Pot life	4 hours

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## APPLICATION PROPERTIES:

### 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 hour
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 AP 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 AP 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. For more information refer to Equus SDS 152.

## TRANSPORT AND STORAGE:

Both A & B components are classified UN1263 Class 3. Correct transport and storage protocols must be observed.

## 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