

# CHEVALINE CLEARCURE

## Interior/exterior timber varnish

February 2024

### PURPOSE AND AREAS OF USE:

An interior/exterior varnish for all timber and timber product surfaces including walls, furniture and flooring with excellent resistance to chemicals, abrasion and ease of cleaning properties. Also for use as a graffiti resistant overglaze on waterborne Chevaline coatings.

### PRODUCT:

A single component moisture-curing aliphatic clear polyurethane coating, stabilised for exterior durability. Available in high-solids and brush grades. Can be made available in Satin and Matt gloss levels to special order.

### PROCESS COMPATIBILITY:

Normally used alone as a timber varnish, but can be used as a clear chemical and graffiti-resistant overglaze for Chevaline materials including: Spraytexx, Troweltexx, Covertexx, Coverall, Colourglaze, in various system combinations.

### STANDARD PACKS:

1 litre metal can, 4 litre metal can.

### PHYSICAL PROPERTIES:

Liquid Material	
Solids (% by volume)	55%
Specific Gravity	1.04
Flash Point	32°C
Shelf Life	At least 12 months in original sealed containers when stored in cool dry conditions.

Applied Film	
Flexibility	Passes 3 mm mandrel at 75 micron d.f.t.
Durability	Excellent UV and weather resistance.
Adhesion	Very good - easily recoated.
Chemical Resistance	Excellent resistance to acids, alkalis, solvents, fuels, cleaning compounds.
Abrasion Resistance	Excellent - very suitable for flooring in heavy use areas.

### SURFACE PREPARATION:

Timber and timber products	All surfaces must be clean and dry at time of coating. Rough surfaces should be sanded smooth and imperfections and fastener holes filled with a polyester or polyurethane filler.
Previously coated surfaces	Must be clean and dry. Residual moisture may cause bubbling in the applied Clearcure film.

### SPECIFICATION NOTES:

Number of coats and spreading rates	When coating timber and timber products, the dilution required, spreading rates and the number of coats will depend on the porosity of the surface. On denser surfaces, brush grade may require extra dilution for additional penetration, and on open porous surfaces, spreading rate in at least the first coat will be reduced. Note also where the best possible finish quality is required, intercoat sanding may be needed.
Dry times	These relate to normal temperature (20-23°C) and humidity (50-60% RH) conditions. In particular, a variation in the humidity will affect through-cure times, with higher humidity shortening the time, and lower humidity prolonging cure time.

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### APPLICATION PROPERTIES:

#### SPREADING RATE AND DILUTION: Standard Gloss

Three coat work	
Primer	Equal volumes Clearcure: Colourcure Thinners 10 sqm/litre of mix.
Bodycoat	3 volumes Clearcure: 2 volumes Colourcure Thinners 12-14 sqm/litre of mix.
Topcoat	2 volumes Clearcure: 1 volume Colourcure Thinners 14-15 sqm/litre of mix.
<b>Note:</b> Satin and Matt grades are supplied ready for use, at the above bodycoat/topcoat spreading rates.	

### DRY TIME :

Dry to recoat	3-4 hours
Intercoat time	4-24 hours
Through cure	24-28 hours (full system)

### THINNING/CLEANING UP:

Use Colourcure Thinners only. Clean equipment immediately after use.

**Note:** This product cures on exposure to atmospheric moisture. When a new container is opened, its contents should be used as soon as possible, and the container must be tightly sealed at all times when not in use. It is recommended that containers be used within two years of manufacture date.

### HEALTH AND SAFETY:

Wear barrier cream when handling this material, and cartridge mask plus goggles when spraying or applying in a confined space. **DO NOT SMOKE** within 20 metres of application/handling area. Keep containers tightly sealed at all times when not in use, and store in a dry, well-ventilated area. For further information refer to SDS 177.

### TRANSPORT AND STORAGE:

**Transport classification:** UN1263 Class III - observe correct transport and storage protocols.

### 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
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Manufacturer NZBN	9429032000306