

CHEVALINE CHEMGLAZE

Clear or tinted overglaze, clear varnish

February 2024

PURPOSE AND AREAS OF USE:

An interior/exterior glaze for arduous service areas where resistance to steam, chemical splashes and staining is required.

PRODUCT:

A single component, water-based, polyurethane finish, resistance properties of which may be further enhanced by addition of a small quantity of catalyst.

PROCESS COMPATIBILITY:

In its clear form, Chevaline Chemglaze can be used alone as a timber varnish. In both its clear and tinted form it is used as an overglaze, normally over Coverall or Arcutexx, to further enhance resistance properties.

STANDARD PACKS:

4 litre cans, 15 litre plastic pails.

PHYSICAL PROPERTIES:

Liquid Material	Clear	Tinted
Solids (% by weight)	31%	44%
Specific Gravity	1.05	1.18
Shelf Life	2 years	2 years

Applied Film

Film flexibility	Passes 3 mm mandrel at 75 micron d.f.t.
Durability	Excellent UV and weather resistance.
Hardness	Pencil Hardness 4H
Fungus resistance	Excellent resistance to acids, alkalis, solvents, fuels and cleaning compounds.
Humidity resistance	Excellent
Abrasion resistance	28 mg loss per 100 cycles (CS17 wheel, 1000 gram load).

SURFACE PREPARATION:

Timber and timber products	All surfaces must be clean 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 thoroughly cleaned and in some cases lightly sanded to ensure maximum adhesion.
Cement based products	Must be clean and dry at time of coating application.

APPLICATION PROPERTIES:

Spreading rate and dilution (Clear onto bare timber and concrete):

Primer	4 volumes Chemglaze:1 volume clean water. 10 sqm/litre of mix.
All following coats	Undiluted 12-14 sqm/litre/coat

Spreading rate (Clear and tinted as an overglaze):

All coats	10-15 sqm/litre depending upon surface profile.
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APPLICATION PROPERTIES continued:

Dry Time:

Touch dry	1-2 hours
Dry to recoat	2-4 hours
Through dry	24 hours
Full cure	7 days

Dry times: These relate to normal temperatures (20-23°C) and humidity (50-60%) conditions.

SPECIFICATION NOTES:

Number of coats and spreading rate: When coating timber or timber products, the primer dilution, spreading rates and the number of coats required will depend on the porosity of the surface. Denser surfaces may require additional dilution of the primer to ensure good penetration, and on a more open, porous surface spreading rate of the primer will be reduced.

Note: When the best possible finish quality is required, intercoat sanding may be required. This may require that extra time be allowed between recoating.

HEALTH AND SAFETY:

Wear barrier cream when handling this product, and cartridge mask and goggles when spraying. It is a waterborne material and therefore is non flammable. However, it is recommended NOT TO SMOKE when handling or applying the material. No special storage conditions are required other than protection from frost and prolonged heat.

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