

Chevaline Chemglaze

Clear overglaze, clear varnish

Purpose & 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, waterbased, 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 clear and tinted form it is used as an overglaze, normally over **Coverall** or **Arcutexx**, to further enhance resistance properties.

Standard Pack:

4 litre cans or 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 Material:

Film Flexibility:	Passes 3mm mandrel at 75 micron d.f.t.
Durability:	Excellent UV and weather resistance.
Adhesion:	Very good—easily recoated.
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.

Dry time:

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

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

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.

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