

PERMAGLAZE

High performance, durable exterior glaze

February 2024

PURPOSE AND AREAS OF USE:

A high performance, durable exterior glaze applied over Permacoat to provide maximum possible life-to-recoat. A topcoat for the Permacoat/Permaglaze Roof Coating System.

PRODUCT:

A tough, flexible, modified acrylic, pigmented overglaze waterborne for ease of use, formulated for maximum exterior durability, ease of cleaning, water resistance and high adhesion.

PHYSICAL PROPERTIES:

Liquid Membrane	
Solids (% by volume)	41%
Specific Gravity	1.20-1.25
Flash Point	None - waterborne material
Shelf Life	3 years in original sealed containers when stored in cool dry conditions and protected from frosts.

Applied Coating	
Flexibility	Passes 3 mm mandrel at 200 microns dft (ASTM D1737-82) at 20°C on galvanised steel substrate.
Durability	Excellent long term service may be expected. The coating has been especially formulated for maximum UV resistance and weather-ability.
Chemical Resistance	Excellent resistance to all normal environmental pollutants.
Fungus Resistance	Permaglaze contains a highly effective anti-fungal preparation which does not contain toxic metals or phenols.

SURFACE PREPARATION:

Ensure that the Permacoat surface to be glazed is clean and dry. If being applied as a rejuvenating glaze over a previously applied Permacoat/Permaglaze system it may be necessary to use medium-pressure water washing to ensure the surface is thoroughly clean.

PRIMING:

Coated with Permacoat or the fully Permacoat/Permaglaze system	No priming needed
On other surfaces	If a test patch or surface condition indicates a primer is required, refer to Equus Industries Ltd for advice.

APPLICATION METHOD:

Airless spray	Use a 0.22-0.28 mm tip
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APPLICATION PROPERTIES:

DO NOT apply Permaglaze in air temperatures less than 8°C or when the temperature might fall below 8°C during the drying process, or when the surface temperature is less than 5°C.

Spreading Rate:

4.5 sqm/litre per double pass airless spray coat (90 m²/20 litre pail)

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Dry time:

Touch dry	1-2 hours at normal conditions.
Through dry	4-6 hours at normal conditions.
Dry to recoat (self-coat)	7-10 days at normal conditions.

Note: Normal conditions are 18-23°C and 60-70% Relative Humidity. Cooler and damper conditions prolong dry times.

THINNING/CLEANUP:

Use clean tap water. Clean gear immediately after use - dried Permaglaze can prove difficult to remove.

MAINTENANCE:

Permaglaze is a low maintenance finish. Recoating may be required at 10-12 year intervals, depending upon service conditions. As the purpose of Permaglaze is to protect the underlying system and maintain its overall function, recoating should be timed to occur before damage is caused to the underlying surface.

Simply wash with weak (0.1%) neutral detergent, rinse and dry prior to recoating. In some instances medium-pressure water washing may be required.

If existing Permaglaze is still in sound condition, and no colour change is required, a one-coat recoat may suffice. For colour change recoats, always use a minimum two coat recoat system.

HEALTH AND SAFETY:

Permaglaze is a waterborne material and contains no mammalian-toxic substances. It is non flammable and requires no special storage conditions other than protection from frost and excessive temperatures. However we recommend the use of barrier cream on hands and safety spectacles when handling/applying this material.

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