



Permaglaze

Purpose & 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:

Volume solids:	41%
Specific gravity:	1.20 - 1.25
Flash point:	None - waterborne product
Shelf life:	3 years in original sealed container stored in cool, frost free conditions.

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:

Permaglaze is only applied to existing coatings whether old or new. Thus on those surfaces:

1. Coated with **Permacoat**, or the full **Permacoat/Permaglaze** system: no priming needed.
2. On other surfaces: If a test patch or surface condition indicates a primer is required, refer to **Equus Industries** for advice.

Application Method:

Airless spray: 0.22 mm - 0.28 mm tip.

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:

8 sqm/litre per double pass airless spray coat (160m²/20 litre pail)

Dry time:

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

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 & 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.

Equus Industries Ltd
PO Box 601
Blenheim
Phone: 03 578 0214 Fax 03 578 0919
Email: admin@equus.co.nz
Web: www.equus.co.nz