



# Permacoat

## Purpose & Areas Of Use:

A versatile high-build bodycoat for application to concrete or metal roofing substrates as part of the **Permacoat/Permaglaze** Roof Coating System.

## Product:

A heavy-bodied high build acrylic bodycoat with built in flexibility, durability, early water resistance and high adhesive properties.

## Physical Properties:

### Liquid Membrane:

Volume solids:	45%
Specific gravity:	1.31
Flash point:	None - waterborne
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 from this coat.
Chemical resistance:	Excellent resistance to all normal environmental pollutants. Ease of cleaning is enhanced by use of <b>Permaglaze</b> as an overglaze.
Fungus resistance:	<b>Permacoat</b> contains a highly effective anti-fungal preparation which does not contain toxic metals or phenols.

## Surface Preparation:

Ensure all surfaces to be coated are dry, and free of loose material, oil, grease, dirt etc. Moss-kill when necessary and allow to dry. Remove nibs and protrusions and make good all cracks, holes and surface damage with appropriate fillers and allow to cure before coating.

## Priming:

### Concrete and chalky previously painted surfaces:

**Permacoat/water 50/50**

### Aged galvanised steel:

Generally self priming, depending upon state of the surface.

### New galvanised steel/zincalume:

Refer to Equus Industries for advice.

## Application Method:

Airless spray: Use a 0.45 mm tip at 175 kg/cm<sup>2</sup>

## Application Properties:

DO NOT apply **Permachip** 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 (90m<sup>2</sup>/20 litre pail)

### Dry time:

Touch dry:	1-2 hours	)
Through dry:	12-24 hours	)at normal conditions
Full hardness:	7-10 days	)

### Recoat time:

- 1.) Waterborne overglaze - allow 4-6 hours under normal conditions
- 2.) As soon as touch dry, or when existing coating can withstand subsequent application method.

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

## Thinning/Cleanup:

Use clean water for both. Clean equipment immediately after use. Fully dried material is difficult to remove, especially from spray equipment.

## Health & Safety:

**Permacoat** 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.

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