

PROTEXX ALPUR

Topcoat for rigid substrates

January 2024

PURPOSE AND AREAS OF USE:

A weather resistant reflective topcoat for rigid substrates.

PRODUCT:

A single component, aluminium pigmented polyurethane coating.

PROCESS COMPATIBILITY:

Use of Protexx Alpur is generally restricted to overcoating rigid metal substrates. It may also be used to protect more porous materials provided an appropriate primer is used. Refer to Manufacturer for advice.

STANDARD PACK:

4 litre metal cans, 20 litre metal pails.

PHYSICAL PROPERTIES:

Liquid Material	
Solids (% by volume)	50
Specific gravity	1.00-1.02
Flash point (°C)	38
Shelf life	1 year in original sealed container when stored in cool, dry conditions.
Applied Film	
Flexibility	Passes 3 mm mandrel at 50 um d.f.t.
Durability	Very good weather resistance.
Adhesion	Excellent to most metals and correctly primed porous rigid substrates.
Chemical resistance	Excellent resistance to water, solvents, and most dilute acids and alkalis. Very good resistance to normal atmospheric pollutants.

SURFACE PREPARATION:

All surfaces must be clean and preferably dry. The moisture scavenging nature of Protexx Alpur will however, allow this product to accommodate the moisture problems usually associated with dew points.

APPLICATION METHOD:

Protexx Alpur is normally applied by conventional means ie. brush and roller. The coating is applied directly from the container.

When large areas are to be coated, spray application may also be employed using either air assisted or airless spray. Refer to Manufacturer for specific recommendations on equipment and operating procedures.

APPLICATION PROPERTIES:

Spreading rate: 10-11 sqm/litre

Recommended Film Thickness (per coat): Wet 100 microns, dry 50 microns.

Dry times:

Sand dry	3 hours
Touch dry	6 hours
Through dry	24 hours
Full cure	2-3 days

These dry and cure times relate to normal temperature (20-23°C) and humidity (50-60% RH) conditions. A variation in humidity in particular will affect cure times with higher humidity shortening and lower humidity prolonging the dry and cure times.

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HEALTH AND SAFETY:

Wear barrier cream when handling this material and cartridge mask/goggles when spraying in the open or applying by brush or roller in confined spaces. For spray application in confined areas full protective gear, including full face mask with remote air supply must be worn. **DO NOT SMOKE** within 20 metres of application/handling area. Keep containers tightly sealed at all times when not in use and store in a dry, well ventilated area.

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