



# Protexx Alpur

## Purpose & Areas Of Use:

A weather resistant reflectant topcoat for rigid substrates.

## Product:

A single-component, aluminium pigmented polyurethane coating.

## Product 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 can and 20 litre metal pail.

## Physical Properties:

### Liquid Material :

Solids Volume:	50%
Specific Gravity:	1.00-1.02
Flash Point:	38°C
Shelf Life:	1 year in original sealed cans when stored in cool, dry conditions.

### Applied Film:

Flexibility:	Passes 3 mm mandrel at 50 micron 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 time:

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.

## 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.

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