

# Chevaline Aluflexx

## Purpose And Areas Of Use:

A flexible weather-resistant reflective topcoat for elastomeric and flexible membrane systems where additional water, pollution or weather resistance is required.

## Product:

A single-component aluminium pigment elastomeric polyurethane coating.

## Process Compatibility:

Use of **Chevaline Aluflexx** is generally restricted to overcoating of elastic membrane systems, including:

**Traxx MP Membrane**   **Chevaline Flexx**  
**Chevaline Dexx**   **Chevaline Coverall**  
**Tremproof 60**

However, it is also suitable for use in resurfacing of old bituminous roof surfaces, and for coating of sprayed polyurethane foam.

## Standard Packs:

4 litre metal cans, 20 litre metal pails.

## Physical Properties:

### Liquid Material:

Solids (% by volume): 77%  
Specific Gravity: 1.14  
Flash Point: 27°C  
Shelf Life:

At least 12 months in original sealed containers when stored in cool dry conditions.

### Applied Film:

Flexibility: Passes 3mm mandrel at 75 micron D.F.T.

Durability: Very good weather resistance.

Adhesion: Very good surface nominated in "compatibility".

Elongation: Excellent.

Chemical Resistance: Excellent resistance to water and solvents. Very good resistance to normal atmospheric pollutants.

## Surface Preparation:

All surfaces must be clean and dry at the time of coating application. On existing surfaces this may require brooming and scrubbing to ensure removal of dirt.

## Application Method:

**Chevaline Aluflexx** is normally applied by conventional means i.e. brush or roller. The coating is applied directly from the container.

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

## Application Properties:

### Spreading Rate:

Theoretical: 15.4 sqm/litre  
Practical: 12-14 sqm/litre

### Recommended Film Thickness (per coat):

Wet: 65µm  
Dry: 50µm

### Dry Time:

Sand dry: 8 hours  
Touch dry: 12 hours  
Recoat: 24 hours

### Thinning/Cleanup: Xylene (Xylol 5<sup>o</sup>)

**Note:** This product cures on exposure to atmospheric moisture. When a new container is opened, its contents must be used as soon as possible, and the container must be tightly sealed at all times when not in use. It is recommended that containers be used within two years of manufacture date.

## Specification Notes:

1. **Number of coats:** When **Chevaline Aluflexx** is used as a topcoat for an applied membrane system, normally one-coat application is sufficient.

When coating is used as a re-coat material over existing bituminous surfaces or as a weather-resistant coating, application should be in two coats to ensure adequate film build and surface sealing.

2. **Dry Times:** These relate to normal temperature (20-23°C) and humidity (50-60% R.H.) conditions. In particular, a variation in humidity will affect through-cure times, with higher humidity shortening the time, and lower humidity prolonging the through-cure time.

## Health And Safety:

Wear barrier cream when handling this material, and cartridge mask and goggles when spraying or applying in a confined space. 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.

Transport Classification: UN 1263

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