

Camilaflex

Acrylic Waterproofing Membrane



FEATURES

Camilaflex is a premium quality waterbased acrylic membrane coating.

Camilaflex is designed to produce a high build coating which is extremely flexible, very strong, and which produces an abrasive resistant, durable finish for both interior and exterior application.

These properties enable fine cracks of up to 1.5mm to be bridged and filled. **Camilaflex** has very low moisture permeability, and is thus ideal for areas subject to high humidity, or where protection from condensation is required.

The smooth, glossy, moisture resistant surface of **Camilaflex** will allow water to run-off, and protect the substrate by limiting penetration. **Camilaflex** contains a film biocide to inhibit algal and fungal growth on the coating.

RECOMMENDED USES

Camilaflex may be applied to:

- Masonry and plaster
- Concrete and brick
- Cement and asbestos Fibre Sheeting
- Galvanised Iron

Camilaflex is suitable for interior and exterior surfaces, and is ideal where fine cracks need to be bridged and filled. **Camilaflex** is suitable for food processing areas, particularly where a humid environment exists.

Note:

Camilaflex *SHOULD NOT* be used to patch leaks in surfaces, and will not hold back large quantities of water from internal cavities.

SPECIFICATION DATA

Generic Type:	Acrylic	Volume Solids:	40%
Finish:	Gloss	Dry Film Thickness:	400 – 500 μ per coat = 800-1000 μ total DFT
Colour:	White, pastels and factory colours.	Wet Film Thickness:	1000-1250 μ per coat
Density:	1.19 g/cc	Coverage:	2 m ² per litre
Packaging:	4, 10, 20 litre	Number of coats:	2
Application:	Brush, Roller, Airless Spray	Touch Dry:	2 - 4 hours
Thinner:	Water	Hard Dry:	8 – 10 hours
Storage:	Store under cool dry conditions	Dry to Recoat:	24 hours
		Cleanup:	Water

WATER VAPOUR PERMEABILITY

Camilaflex was tested for water vapour permeability in close accordance with ASTM D1653-9a, Method B. This test involves the measurement of water vapour movement through a cured film of the paint which has been placed in a well defined atmospheric environment. Measurements were taken over a three week period and the following results were obtained:

Test Temperature:	23°C ± 2°C
Relative Humidity of Source:	100%
Relative Humidity of Test Chamber:	0%
Measurement Time:	100 hours
Film Thickness:	755µm
Film Area:	96.7 cm ²
<i>Water Vapour Transmission:</i>	<i>0.60 g/mg²/hr (14.4 g/m²/24hrs)</i>
<i>Permeance:</i>	<i>1.3 x 10⁻⁴ g/hr.m².Pa</i>
<i>Permeability:</i>	<i>9.7 x 10⁻⁸ g/hr.m.Pa</i>

FILM TENSILE STRENGTH AND ELONGATION

The tensile strength and elongation at break was determined on cured films of **Camilaflex**. The test samples were standard cast dumbbell shapes with a dry film thickness of 650µm. Each specimen was 50mm wide with a 100mm gauge length. The strain rate was 500mm/min. All tests were conducted in duplicate on an Instron Universal Testing Machine. The following results were obtained:

<i>Tensile Strength:</i>	<i>2.0 MPa</i>
<i>Elongation:</i>	<i>440%</i>

DIRECTIONS FOR USE

Camilaflex may be applied un-diluted by brush, roller, or air-less spray. 2 coats should be applied, depending on the surface, and the film build required. For optimum protection, a total dry film build of 800 - 1000µ is required.

For Airless Spray application, **Camilaflex** is used undiluted. Spray using Graco 695 or above airless spray set up, with minimum pump ratio of 30:1. Use a tip size between 23 -27 thou, spraying should be at various angles to ensure uniform film build on surfaces that are uneven. **Camilaflex** has good hold up properties on vertical surfaces. Do not over build to avoid slumping.

Ensure all surfaces are clean, dry, and free from dust, oil or grease. The surface should be firm and solid, with loose particles removed, and large cracks or holes filled. Very smooth or porous surfaces should be primed with Cameleon **Acritec**. Previously painted surfaces should be sanded and cleaned prior to application. Cameleon **Acritec** (as a prime coat) should be applied if required.

Asbestos surfaces should be sealed with Cameleon **Coverseal CP40**.

Stir well and ensure colour is as required before use. Provide adequate natural ventilation during use. Wash equipment immediately after use with water.

DO NOT apply if temperature is below 10°C, or relative humidity is above 85%.

Typical Specifications

Surface	Preparation	System	Dry Film Build
Concrete and masonry	Thoroughly High Pressure Water Wash.	1. Acritec 2. Camilaflex	40 - 50µ 400 - 500µ
Asbestos	DO NOT High Pressure Water Wash	1. Fungiwash 2. Coverseal CP40 3. Camilaflex	na 40 - 50µ 400 - 500µ
Cement Roof (including tiles)	Thoroughly High Pressure Water Wash	1. Acritec 2. Camilaflex	40 - 50µ 400 - 500µ
Galvanised Metal	Prepare surface to SSPC-SP-1	1. Galvaprime WB137 2. Camilaflex	30 - 40µ 400 - 500µ

PRECAUTIONS

See the Product label general information and Safety Data Sheet (SDS) for health and safety information prior to use.

CAMELEON COATINGS

Manufacturers of a complete range of quality paints

A Division of Red Fire Holdings PTY Ltd ABN 65 009 407 381
26 Paramount Drive, Wangara, Western Australia 6065
PO Box 1473, Wangara, Western Australia 6947
Telephone (+61) 8 9302 2577 Fax (+61) 8 9302 2578
email@cameleon.com.au
www.cameleon.com.au

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