

Camelastic Topcoat White

Elastomeric Topcoat



FEATURES

Camelastic Topcoat White is a premium quality elastomeric coating specifically designed for direct to substrate application.

Containing a unique extender system in combination with an extremely durable elastomeric polymer system, **Camelastic Topcoat White** exhibits excellent elongation properties.

Camelastic Topcoat White has outstanding adhesion to a wide variety of substrates and the cured film provides excellent strength, durability and flexibility to the coating system. Containing film biocides to eliminate fungal and algal growth, **Camelastic Topcoat White** will provide long term protection in the harshest of environments.

RECOMMENDED USES

Camelastic Topcoat White is designed to be applied to exterior surfaces to provide a protective film that can cope with the expansion and contraction that may be experienced on large roof surfaces.

- Galvanised Iron
- Aluminium
- Concrete and cement render
- Colourbond
- Poly Urethane Foam
- Fibre Cement Sheets
- Urethane and acrylic panels
- Top coat for Camelastic CSE 729

Camelastic Topcoat White may be applied at medium dry film build of around 200 micron, in most circumstances and can go up to 250 microns DFT, if required.

SPECIFICATION DATA

Colour:	White	WFT:	480µ WFT for 200µ DFT
Density:	~ 1.21g/cc		240µ WFT per coat
Volume Solids:	~42%	DFT :	200µ total
Weight Solids (NVM):	~55%	Coverage:	4-5 m ² / litre per coat
Packaging:	20 and 200 litre & 1000L 1BC	Number of Coats:	2 coats
Application:	Airless spray, brush or roller	Touch Dry:	1 hour at 25°C
Cleanup:	Water	Dry to Recoat:	6-8 hours
Storage:	Store under cool dry conditions.	Hard Dry:	8 hours at 25°C

PERFORMANCE

Temperature Resistance:	Excellent
Abrasion Resistance:	Good
Weatherability:	Excellent
Colour Retention:	Excellent
Water Resistance:	Excellent

Exterior Durability Report

Cameleon Coatings has been manufacturing **Camelastatic Topcoat White** since 2003 and has actual site performance data from locations in metropolitan WA, rural WA and rural QLD.

Camelastatic Topcoat White has shown to have excellent exterior durability characteristics and performs in harsh environments for more than 10 years.

During product development, accelerated weathering data for the polymers used in **Camelastatic Topcoat White**, were used to determine its potential long term durability.

Initial laboratory verification work was carried out between 2005 and 2007 with panels exposed at 45° North facing at an exposure site in Sydney NSW.

The following test parameters were checked prior to exposure. Panels were examined at 13 and 24 months to note changes from when originally coated.

General Appearance: AS/NZS 1580.481.1.1.1 – No change at 13 or 24 months

Dirt Retention : AS/ NZS 1508.481.1.4 – Excellent of 13 and 24 months

Gloss : AS/NZS 1580.481.1 – Measured 60° and 20° Gloss – No change at 13 or 24 months

Degree of Chalking : AS/NZS 1580.481.1.11 No change at 13 or 24 months

Degree of Fungal or Algal Growth : AS/ NZS 1580.481.1.5 No visible growth at 13 and 24 months

Degree of Flaking or Peeling : AS/ NZS 1580.481.1.10 No flaking or Peeling at 13 or 24 months

To determine durability in extreme conditions, exposure panels were set up and tested in accordance with AS/NZS 1580.481. Panels were exposed at the Allunga tropical exposure site in Far North Queensland from May 2013 to May 2015. Panels were evaluated at 13 months and 24 months to determine a number of key durability performances attributes. The test were carried out to AS/NZS methods listed above.

General Appearance: at 13 and 24 months panels were sound, consistent with very good appearance.

Dirt Retention: Excellent of 13 and 24 months

Gloss Retention: No change in 60° gloss from initial gloss. Very good gloss retention properties after 24 months.

Chalking : No change

Crackling: No signs of the coating cracking or splitting.

Fungal/ Algal Growth: Performed very well, no signs of growth at 13 and 24 months.

Colour Change: No signs of colour change.

Yellow Staining: Performed excellently, panels being devoid of yellow staining throughout testing.

Flaking / Checking: Samples exhibited excellent flaking and checking results at 13 and 24 months.

In conclusion the exterior durability tests above confirmed the field results from actual sites, that **Camelastatic Topcoat White** has excellent long term durability characteristics. These exterior durability properties last for more than 10 years.

DIRECTIONS FOR USE

Ensure all surfaces are clean, dry, and free from contamination, including fungal or algal growth.

Camelastatic Topcoat White is best applied by airless spray using a minimum pump ratio of 30:1. Spray sufficient coats wet on wet to achieve the required film build. The product will easily build to 640µ WFT.

Stir thoroughly before use - apply un-thinned, however **Camelastatic Topcoat White** may be thinned 5 - 10% with water to aid application.

Application by roller should be with a textured sleeve.

Large external areas such as roofs should be high pressure water blasted to remove any residual dirt, fungal or algal growth.

Provide adequate natural ventilation during use. Wash equipment immediately after use with water.

DO NOT apply if temperature is below 10°C or if relative humidity is >85% or rain is imminent.

Typical Specifications

Surface	*Preparation	System	Dry Film Build
Plaster, masonry, brick, cement, cement render, fibre sheeting, and Poly Urethane Foam or galvanised metal.	Thoroughly clean the surface ensuring all traces of loose material and surface contamination (oil, grease etc) are removed.	1. Camelastatic Topcoat	150 - 250µ
	Remove any flaking or peeling paint, fill and sand surface (if required). <i>Prepare galvanised or steel surfaces to SSPC-SP-1</i>	2. Camelastatic Topcoat	150 - 250µ

PRECAUTIONS

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

CAMELEON COATINGS

Manufacturers of a complete range of quality paints

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