

Technical Data Sheet

Fibro Seal® Topcoat – Incorporating CoolRoof Technology

Roofing

7 Day Technical Support 1800 655 711

Testing Approvals: N/A

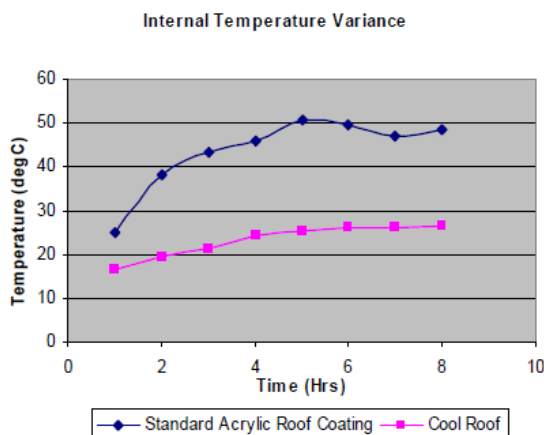
Description

Fibro Seal® Topcoat is a waterborne high-build elastomeric roofing membrane. **Fibro Seal® Topcoat** is applied to a weathered asbestos cement surface that has been pre-treated with **Crommelin Fibro Seal® Primer** to provide a durable, decorative, lightfast protective coating. Active ingredients in **Fibro Seal® Topcoat** also resist the growth of moss and lichen. When used together with **Crommelin Fibro Seal® Primer**, the product forms part of the **Crommelin Fibro Seal® System**, an accredited and proven encapsulation system used throughout Australia since 1990.

Features and Benefits

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|--|---|
| <ul style="list-style-type: none"> • Encapsulate asbestos cement sheet fibres. • Avoid costly downtime associated with replacement of asbestos roofs. • Achieve significant reduction in roof cavity temperatures resulting in savings in building cooling costs. | <ul style="list-style-type: none"> • Extend the service life of asbestos structures. • Water borne. • Provide a rejuvenated appearance in a range of decorative colours. • Resist algae growth. |
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Features and Benefits (CoolRoof Technology)



- Reflective properties aid in reducing internal air temperatures by up to 20°C. Aids in reduction of CO₂ emissions
- Energy and cost efficient
- Resistant to chemical attack
- Very high adhesive strength
- Weatherproof and lightfast
- Fungal and algal resistant in high humidity environments
- Excellent dirt pick up resistance
- Tough - high tensile strength and hardness
- Low VOC

NOTE - The above results are a product of in-house testing based on current industry standards. It should be noted there is currently no APAS regulation regarding the insulating/heat reflective properties of roof coatings.

Areas of Use

- Weathered asbestos cement products

Technical Data

Number of Coats:	2	Curing time:	7 days
Spreading Rate Per Coat:	5m ² /L	Colour:	Range of colours
Wet Film Per Coat:	300 microns	Thinner:	N/A
Recoat (@25°C):	2 hours	Shelf Life:	12 months

Technical Data (continued)

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Properties	Test Method	Test Results
Direct Tension Adhesion	ASTM E4541	1.8MPa (Cohesive failure)
Tensile Strength		3.06 MPa
Elongation		329%
Recovery after Elongation		92%
Low Temperature Flexibility (-18°C)		Excellent
180o Mandrel Bend Test (3mm)		Pass – No cracking
Crack Bridging Ability		4.3 x Dry Film Thickness
Water Resistance Swelling (24 hours)		7.8%
Moisture Vapour Transmission Rate		43 g/m ² /day
Accelerated Weathering Resistance	AS 1580.481.1 <u>and</u> ASTM G53 <u>and</u> ASTM D45	Excellent. No evidence of cracking, yellowing or loss of flexibility.
Dirt Pick-Up Resistance (1 year exterior exposure)		Excellent
Mould and Mildew Resistance		Does not support mould or mildew growth

Application Guide

Surface Preparation

- Pre-treat surface with **Crommelin® Fibro Seal® Primer**. Refer **Crommelin® Fibro Seal® Primer**. data sheet.

Application Procedure and Equipment

- Apply 2 coats of **Fibro Seal® Topcoat** using spray, brush or roller.

Precautions

- Ensure all requirements applicable to the relevant state Occupational Health and Safety legislation are complied with.
- When working on weathered asbestos roofs, refer to NOHSC Codes of Practice 2018 (2005) Management and Control of Asbestos in Workplaces.

Cleaning

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- Clean equipment with water before the product dries.

Health and Safety

Safety Precautions

- Provide good ventilation – open windows and doors and use circulating fans.
- If product is splashed on skin it should be washed off with water before it can dry.
- Wear gloves and eye protection during application.

First Aid

Swallowed: Contact a doctor or Poisons Information Centre. Do not induce vomiting. Give water to drink.

Eye: Gently flush with running water, holding eyelids open for 15 minutes. Seek medical attention.

For detailed information refer to product label and the current Material Safety Data Sheet available from Crommelin[®].

In the case of an emergency please call the Poisons Information Centre on 13 11 26

Transport and Storage

Sizes:	15L	Flash Point:	N/A
Weights:	21Kg	UN Number:	N/A
Dangerous Goods Class:	N/A		

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