

CROMSEAL™ Fibroseal® Topcoat – Incorporating CoolRoof Technology

Testing Approvals: APAS 1720 – Encapsulation System for Asbestos Cement Sheetting

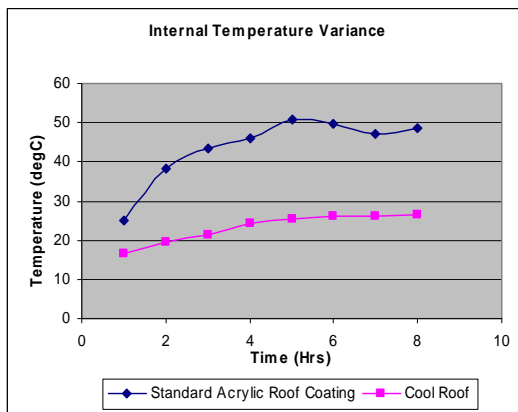
Description

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

Features and Benefits – CROMSEAL™ Fibroseal Topcoat

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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 - no primer required on most surfaces
- 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 inhouse 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

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| 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: | 200 microns | Thinner: | N/A |
| Recoat (@25°C): | 2 hours | Shelf Life: | 12 months |
| 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 CROMSEAL™ Fibro Seal® Primer. Refer CROMSEAL™ Fibro Seal® Primer data sheet.

Application Procedure and Equipment

- Apply 2 coats of CROMSEAL™ 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

- Clean equipment with water before the product dries.

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Health & 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 mins. 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 & Storage

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|------------------------|------|--------------|-----|
| Sizes: | 20Kg | Flash Point: | N/A |
| Weights: | 26Kg | UN Number: | N/A |
| Dangerous Goods Class: | N/A | | |

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