



Elastoseal[®] PUV Shield

Elastomeric polyurethane top coat.

DESCRIPTION

Elastoseal[®] PUV Shield is a high performance, low VOC, moisture-curing single-pack elastomeric polyurethane top coat for Elastoseal[®] PUV. Elastoseal[®] PUV Shield is vehicle and foot-trafficable due to its high hardness.

Note: It is not recommended to adhere tiles directly to Elastoseal[®] PUV Shield.

ADVANTAGES

Elastoseal[®] PUV Shield delivers the following advantages;

- Easy to use and apply.
- Quick skin building time and tack free surface.
- No bubbling up to 0.6 mm thickness.
- High UV resistance and light stability.
- Low VOC, complies with Green Star requirements.
- High resistance to puncture.
- High resistance to fouling.
- Monolithic membrane – no lap, weld or seams.
- Elastomeric behaviour – remains flexible at low temperatures.

AREAS OF USE

Elastoseal[®] PUV Shield is suitable for use in the following areas;

- Roofs
- Podium Decks
- Roof Gardens & Terraces

SUBSTRATES

Elastoseal[®] PUV Shield is suitable for application on;

- Elastoseal[®] PUV

TESTING APPROVALS AND STANDARDS

Elastoseal[®] PUV Shield is compliant with the following standards;

- Green Star - Design & As Built v1.1: Indoor Pollutants 13.1 Paints, Adhesives, Sealants and Carpets.
- APAS 181 – V.O.C limits.

TECHNICAL DATA (@ 25°C)

Number of Coats:	1
Coverage: (per coat)	300gm/m ²
Wet Film: (per coat)	250 microns
Recoat:	12 – 24 hours
Full Cure:	3 days
Colour:	Grey
Thinner/Clean Up:	Xylene
Shelf Life:	9 months

ANCILLARY PRODUCTS

- Crommelin[®] Contractor Membrane Applicator Brush – 100mm, 75mm
- Crommelin[®] Contractor Membrane Roller Cover – 230mm

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TEST DATA

Properties	Measurement /Standard	Test Results
Tensile Strength	AS1145	141MPa
Elongation	AS1145	140%
Hardness (Shore A)	In-house test method	90
Angle Tear Strength	In-house test method	49.4kg/cm
Trouser Tear Strength	In-house test method	11.1kg/cm
UV Resistance	In-house test method	Excellent
Taber Abrasion	In-house test method	36.9mg/L

SUBSTRATE PREPARATION AND PRIMING

Full substrate preparation instructions can be found at www.crommelin.com.au/full-instructions/

Elastoseal[®] PUV Shield is designed for application over Elastoseal[®] PUV membrane to render the surface suitable for light vehicle traffic.

APPLICATION CONDITIONS

- Substrate must be dry, with less than 15% moisture content. The use of suitable moisture meter is recommended.
- Application temperature between 10°C - 35°C.
- Do not apply if relative humidity is above 85% during initial cure phases, or if rain is expected before cure.

Note: In humid conditions, air flow should be maximised with the use of fans to assist cure.

APPLICATION

Full application instructions can be found at www.crommelin.com.au/full-instructions/

- Apply one coat of Elastoseal[®] PUV Shield as per recommended coverage rate within 24 – 48 hours of the application of the Elastoseal[®] PUV.
- Elastoseal[®] PUV Shield can be diluted with Xylene. Other solvents are prohibited.
- Wait 24 hours before foot traffic and 3 days before vehicle traffic.

CLEAN UP

- Wash all equipment with Crommelin[®] Solvent, Xylene or MEK before product dries.

MAINTENANCE SCHEDULE AND REPAIR

- Protect membrane from harsh chemicals, abrasion and other potentially damaging conditions.

PRECAUTIONS

- Do not apply if the temperature is below 10°C or relative humidity is above 85% or if rain is imminent.
- Do not apply Elastoseal[®] PUV Shield to wet substrates. The moisture content of the surface should be less than 15%. Check with a moisture meter if unsure.
- Ensure adequate ventilation and air flow to optimise membrane curing.
- Elastoseal[®] PUV Shield **must not be spray applied**.

WARRANTEES

A standard warranty period of 10 years is offered for Crommelin[®] Elastoseal[®] PUV Shield.

Extended warrantees are available for project specific applications. Please contact your Crommelin[®] representative, or the Crommelin[®] technical support team for detailed specifications applicable to your project and warranty requirements.



7 Day Technical Support 1800 655 711

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TRANSPORT AND STORAGE

- Size: 15kg
- Weight: 15kg
- DG Class: N/A
- Flash Point: N/A
- UN Number: N/A
- Cool and Dry Storage

SAFETY AND FIRST AID

Elastoseal[®] PUV Shield Safety Data Sheet is available from Crommelin[®] upon request.

Safety

- Ensure good ventilation and avoid breathing vapours.
- Avoid skin and eye contact. Wear gloves and eye protection. Remove splashes on skin immediately and remove contaminated clothing.
- Keep out of reach of children.
- Keep container sealed when not in use.
- Do not swallow.

First Aid

- If poisoning occurs, contact a doctor or poisons information centre: Ph. 13 11 26.
- If swallowed, do not induce vomiting. Give a glass of water to drink.
- If in eyes, hold eyes open and flood with water for at least 15 minutes.
- If not breathing, apply artificial respiration.

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Any advice, recommendation, information, assistance or service provided by Crommelin[®] in relation to its products or their use is given in good faith, however is provided without responsibility or liability.

Customers need to undertake their own assessment to determine the suitability of a product for the intended use. As the performance of any product is subject to a wide variety of different surface types as well as environmental and surface-specific conditions, it is essential that a sample of the product be applied to the intended area of use to ensure it is acceptable in appearance and finish and that it performs as required on the specific surface.

Crommelin[®] also reserves the right to update information without prior notice, to reflect ongoing research and product development.



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