

TRAXX 1500 R

Flexible and durable urethane basecoat

April 2024

PRODUCT DESCRIPTION:

Traxx 1500 R is a one-part polyurethane membrane that bonds firmly to clean, dry concrete, wood or metal. It retains its integrity even if substrate movement causes hairline cracks of up to 1.5 mm. Traxx 1500 R can be recoated after 24 hour cure at 23.9°C, 50% R.H. A quick cure catalyst can be utilised for a fast track application.

PURPOSE AND AREAS OF USE:

The Traxx 1500 R basecoat is a one part polyurethane elastomeric coating which cures to form a seamless polyurethane rubber base. The Traxx 1500 R will accommodate the normal “movement” of concrete substrates without cracking and is the primary waterproofer for Traxx Waterproofing Systems.

PACKAGING:

4 litre pails.

COLOURS:

Grey.

PHYSICAL PROPERTIES:

Property	Test Method	Result
Specific gravity	ASTM D-1475	1.32
Weight per gallon (5.0 kgs)	ASTM D-1475	11 lbs
Weight	ASTM D-1353	83%
Viscosity, CPS	Brookfield #4 Spindle @20 rpm	20,000
Dry time	ASTM D-1640	Tack free 24 hours Rubbery cure 48 hours
Flash point	ASTM D-1310	38°C
Hardness, Shore A	ASTM D-2240	37
Tensile strength	ASTM D-412	320 psi (2.2 MPa)
Elongation	ASTM D-412	450%
S100	ASTM D-412	414 kPa
Hardness (Shore A)	ASTM C-661	20
Peel strength in. (129N)	ASTM C-794	29 lbs
MVT	ASTM E96, B	1.58 m.p.
Tear resistance	ASTM D-1004	200 pli (889N)

Key Benefits Summary:

- Effective, durable waterproofing protection
- Seamless polyurethane rubber base
- Primary waterproofer for Traxx Waterproofing Systems
- Excellent performance in submerged conditions
- Component in potable water containment system

Limitations:

- Do not apply to damp or contaminated surfaces
- Use with adequate ventilation
- Not recommended for swimming pools

INSTALLATION:

Concrete shall be water cured and in place for at least 14 days, preferably 28 days. Concrete finish shall be a light steel trowel followed by a fine hair broom, or equivalent finish. New or existing slabs must be dry, clean, sound and free of all contaminants which may interfere with adhesion or proper curing. Chemical and/or mechanical surface preparation may be required. All shrinkage cracks less than 1.5 mm shall be pretreated with a 1.5 mm coating of Traxx 1500 R 150 mm wide centered over the cracks. Moving structural cracks greater than 1.5 mm should be routed out and caulked with Dymonic 100 followed by a 60 mil detail coat of Traxx 1500 R 150 mm wide centered over the crack. All detailed areas should be primed with Epistixx.

At all horizontal vertical junctions, and all projections, a 25 mm cant of Dynamic 100 should be installed. Integral flashing shall be installed to the height indicated on the drawing.

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INSTALLATION (Continued):

All “detailing” must be cured to a minimum of 12 hours prior to the application of the Traxx 1500 R. Detailing should be wiped clean with Xylol or Toluol prior to the application of Traxx 1500 R.

The Traxx 1500 R basecoat is applied at the rate of 0.61 sqm per litre yielding approximately 1.5 mm thickness. The coating is squeegee applied, followed by back rolling to evenly distribute the material.

Epistix Primer is applied at the rate of 8 sqm per litre and allowed to cure before the application of the basecoat. Apply Traxx 1500 R according to standard application procedures. Can be topcoated with Traxx 2000 SHS.

GUARANTEE/WARRANTY:

Tremco warrants its coatings to be free of defects in materials, but makes no warranty as to appearance or colour. Since methods of application and on site conditions are beyond our control and can affect performance, Tremco makes no other warranty, expressed or implied, including warranties of MERCHANTABILITY and FITNESS FOR A PARTICULAR PURPOSE, with respect to coatings. Tremco’s sole obligation shall be at its option, to replace, or refund the purchase of the quantity of coatings proved to be defective and Tremco shall not be liable for any loss or damage including incidental or consequential damages arising from the use of coatings.

Health And Safety:

User must read and follow container label and safety data sheet (SDS) for health and safety precautions prior to use.

WARNINGS AND BANS:

Is the building product/building product line subject to warning or ban under section 26 of the Building Act 2004?	No
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MANUFACTURERS CONTACT DETAILS:

Manufacture location	Australia
Legal and trading name of manufacturer	Tremco CPG Pty Ltd.
Manufacturer address for service	12/4 Southridge Street, Eastern Creek, NSW 2766, Australia
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