

Traxx 2400

Roofing Top Coat

Polyurethane Topcoat UV-stable

Product:

Traxx 2400 is a pigmented, colour and UV-stable, highly permanent elastic, cold applied and cold curing, one component aliphatic polyurethane coating, used as a top -coat for protection over **Traxx 1500** waterproofing membrane and forms the light pedestrian traffic **Traxx 1500/2400** System.

Cures by reaction with ground and air moisture.

Advantages:

- Simple application (brush, roller or airless spray).
- Colour UV stable.
- Gives a glossy and easy to clean surface.
- Does not show the chalking effect of aromatic polyurethane coatings.
- Resistant to medium pedestrian traffic.
- Resistant to water.
- Resistant to frost.
- Maintains its mechanical properties over a temperature span of -30°C to $+90^{\circ}\text{C}$.

Uses:

- Waterproofing of Rooftops
- Protection of Polyurethane Foam Insulation.
- Waterproofing and protection of concrete constructions like bridges, etc.
- Waterproofing of metal surfaces.

Used over the **Traxx 1500** on surfaces, with light domestic pedestrian traffic that require a glossy, colour-stable and non-chalking finish.

Consumption:

120 – 250 gr/m^2 applied in one or two layers. This coverage is based on application by roller onto a smooth surface in optimum conditions. Factors like surface porosity, temperature, humidity, application method and finish required can alter consumption.

Standard Pack Size:

4 or 20kg metal pails

Storage:

Pails should be stored in dry cool areas for up to 9 months. Protect materials against moisture and direct sunlight. Storage temperatures 5°C - 30°C .

Colours:

The Traxx 2400 standard stock colour is Grey, also supplied in white, red and green on special request. Other colours can be manufactured **Traxx 2500HS** but allow minimum two weeks before supply.

Technical Data:

Property	Results	Test Method
Composition	Pigmented Aliphatic Polyurethane pre-polymer. Solvent based	
Resistance to water pressure	No leak	DIN EN 1928
Elongation at Break	289%	DIN EN ISO 527
Tensile Strength	3.72 N/mm^2	DIN EN ISO 527
Elongation at break after 2000h of accelerated aging (DIN EN ISO 4892-3, 400 MJ/m^2)	372%	DIN EN ISO 527
Tensile strength after 2000h of accelerated aging (DIN EN ISO 4892-3, 400 MJ/m^2)	2.68 N/mm^2	DIN EN ISO 527
Gloss retention after 2000h of accelerated aging (DIN EN ISO 4892-3, 400 MJ/m^2)	Good	DIN 67530
Surface chalking after 2000h of accelerated aging (DIN EN ISO 4892-3, 400 MJ/m^2)	No chalking observed. Chalking grade 0	DIN EN ISO 4628-6
Adhesion to Traxx 1500	$> 2.0 \text{ N}/\text{mm}^2$	ASTM D 903
Application temperature	5°C to 35°C	Conditions: 20°C , 50% RH
Tack free time	1-3 hours	
Light pedestrian traffic time	12 hours	
Final curing time	7 days	

Application:

Surface Preparation:

Careful surface preparation is essential for optimum finish and durability.

The surface needs to be clean, dry and sound, free of any contamination, which may harmfully affect the adhesion of the membrane. Maximum moisture content should not exceed 5%.

WARNING: If previously applied coats must be washed to remove contamination, they must be completely dry before application of **Traxx 2400** commences

**Top Coat:**

Stir well before using. Apply the **Traxx 2400** by roller or airless spray in one or two coats.

Allow 3-4 hours (not more than 6 hours) to cure, between the two coats.

For best results the temperature during application and cure should be between 5°C and 35°C. Low temperatures retard cure while high temperatures speed up curing. High humidity may affect the final finish.

Warning: The **Traxx 2400** is slippery when wet. In order to avoid slipperiness during wet days, broadcast **Traxx NS** medium aggregates onto **Traxx 1500** base coat wet coating to create an anti-slip surface before the application of the **Traxx 2400**.

Safety :

Material Safety Data Sheets must be read and understood before use.

Technical Support:

Equus Industries provides full technical support through representation in the field or from the support staff at the Melbourne Head Office. Full technical specifications are available and where appropriate a site specific specification can be provided. For more information of our service and advise contact:

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