

# Traxx 2500

## Pedestrian Top Coat

### *Polyurethane Topcoat UV-stable*

#### Product:

**Traxx 2500** 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 pedestrian traffic **Traxx 1500/2500** System.

Cures by reaction with 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 domestic pedestrian traffic.
- Resistant to water
- Resistant to frost.
- Maintains its mechanical properties over a temperature span of  $-30^{\circ}\text{C}$  to  $+90^{\circ}\text{C}$ .

#### Uses:

- Waterproofing of Access Roof Areas.
- Waterproofing of Balconies & Terraces
- Protection of Polyurethane Foam Insulation.
- Waterproofing and protection of concrete constructions like bridges, etc.
- Waterproofing of metal surfaces.

Used to topcoat **Traxx 1500** on surfaces, with light to medium pedestrian traffic, that require a glossy, colour-stable and non-chalking finish.

#### Consumption:

300-500  $\text{gr}/\text{m}^2$  applied in one or two coats. 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  $5^{\circ}\text{C}$ - $30^{\circ}\text{C}$ .

#### Colours:

The **Traxx 2500** 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 (1m water column 24hr)	DIN EN 1928
Elongation at Break	$321.62 \pm 20\%$	DIN 53504
Tensile Strength	$24.99 \pm \text{N}/\text{mm}^2$	DIN 53504
Force at Break	$59.36 \pm 10\text{N}$	DIN 53504
Hardness (SHORE D Scale)	25	ASTM D 2240
E - Modulus	$69.33 \pm 7.5 \text{N}/\text{mm}^2$	DIN53504
Application temperature	$5^{\circ}\text{C}$ to $35^{\circ}\text{C}$	Conditions: $20^{\circ}\text{C}$ , 50% RH
Tack free time	4 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 2500** commences.



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### **Top Coat:**

Stir well before using. Apply the **Traxx 2500** 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 2500** surface is slippery when wet. In order to avoid slipperiness during wet days, broadcast **Traxx NS** medium aggregates on to wet **Traxx 1500** base coat to create an anti-slip surface before the application of the **Traxx 2500**.

### **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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