

TransTower Urethane-Alkyd Finish YF149

Product Description	A urethane-alkyd finish for Transmission Towers. Contains MIO pigmentation.				
Intended Use	<ul style="list-style-type: none"> For the anticorrosive protection of electricity Transmission Towers, gantries, bridges and tank externals Use with YP644 Primer for a two coat approved urethane-alkyd system Designed to be moisture tolerant thus enabling application on to damp TransTower Urethane Alkyd Primer, in conditions similar to those found in early morning dew or after light showers MIO pigmentation provides excellent barrier anticorrosive protection and intercoat adhesion 				
Approvals/ Certification	Complies to EA Technology Specification for Urethane Alkyd Based Two Coat Paint for Overhead Line Towers, for use by UK Electricity Companies, Project T8354; 2018/19 - Assessed Protective Coating Suppliers List for the UK Electricity Transmission and Distribution Network Operators.				
Finish	Matt metallic finish				
Volume Solids	49 ± 2%				
VOC Content	377 ± 20 g/litre				
Film Thickness Range And Coverage		Dry Film Thickness	Wet Film Thickness	Theoretical Coverage	
	Typical	75 µm	156 µm	6.4 m ² /litre	
	Practical coverage depends on the application method, painting conditions and the shape and roughness of the surface to be coated – see Product Notes				
Drying Times	Applied to 75 microns DFT	+10°C	+23°C	+35°C	
	Dust Free		6 hr	4 hr	2 hr
	Hard Dry		24 hr	16 hr	8 hr
	Overcoating	Minimum	12 hr	8 hr	6 hr
		Maximum	Indefinite if surface is clean and sound		
	Drying and recoating times are related to the film thickness, temperature, the relative humidity of the air and ventilation				
Colours	Grey				
Product Code	30STTTOW-149				
SG	1.67 kg/lit				
Storage Conditions	Store in dry, cool conditions and protect from frost				
Shelf Life	Minimum 12 months if stored as above in unopened containers				
Flash Point	23-60°C				

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Surface Preparation	<ul style="list-style-type: none"> All surfaces to be coated should be dry and cleaned as necessary to remove all oil, grease, salts or other contamination This is a finish coat designed for application over TransTower Urethane-Alkyd Primer YP644. For other applications please consult Axalta Coating Systems 				
Mixing	Must be mixed thoroughly before use. Product is designed to be highly thixotropic to allow high build application by brush.				
Thinner	DO NOT THIN Equipment Cleaner Thinner No.4 – TH120				
Application Conditions	Only apply in conditions of good ventilation which must be maintained during drying and curing. Do not apply when rain, mist, sleet or snow are imminent. During application and drying time of the paint coating, the surface should be dry, the Relative Humidity should not exceed 85% and the steel temperature should remain at least 3°C above the dew point.				
Application Methods	Method	Airless Spray	Conventional Spray	Brush	Roller
		Yes	No	Yes	No
Product Notes	<p>System For maximum corrosion resistance, it is recommended to apply 1 coat of YP644 Primer to a dry film thickness of 75 microns, followed by 1 coat of YF149 Finish to a dry film thickness of 75-100 microns.</p>				
	<p>Practical Spreading Rate Due to high volume solids of this primer, which are in accordance with the 1991 National Grid specifications, and also widely varying application conditions (ambient temperatures, wind velocities, contactor application techniques, losses etc.) practical spreading rates will vary and generally fall in the range of 2.5 to 4.5 sq.m. per litre.</p>				
Health & Safety	Containers are provided with safety labels which should be observed. Further information about hazardous influences and protection are detailed in individual Product Safety Data Sheets. A Safety Data Sheet for this product is available on request from Axalta Coating Systems.				

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