Issue Date: Dec 2018
Reference: YP660

TransTower Urethane Alkyd Primer YP660

Product Description	**A urethane-alkyd anticorrosive primer for Transmission Towers.** Contains zinc phosphate and MIO pigmentation.
Features & Use	• Use on structural steel and fresh or weathered galvanising, such as transmission towers, tanks, bridges, gantries etc., where high build is a particular requirement • Designed to be moisture tolerant, thus enabling application onto damp steelwork in conditions similar to those found in early morning dew or after light showers
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 MIO
Volume Solids	48 ± 2%
VOC Content	394 ± 20 g/litre
Film Thickness Range And Coverage	

	Dry Film Thickness	Wet Film Thickness	Theoretical Coverage
Typical	50 µm	104 µm	9.6 m^2/litre
Maximum	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

Drying Times

Applied to 50 microns DFT		+10ºC	+23ºC	+30ºC
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	Dark Beige
Product Code	**30STTTOW-660**
SG	1.39 kg/lt
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	23-60ºC

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Surface Preparation	• All surfaces to be coated should be dry and cleaned as necessary to remove all oil, grease, salts or other contamination. Where necessary, remove weld spatter and grind smooth all sharp edges and weld seams • Blast clean to Sa2½ (ISO 8501-1:2007), surface profile 50-75 microns • Where blast cleaning is impractical the surface should be prepared to St2 (ISO 8501-1:2007) taking care to avoid 'polishing' the surface • For surfaces other than bare Steel, 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	See table below • This product is designed for brush application without thinning • For airless spray application, please consult Axalta Coating Systems for advice
Product Notes	• For maximum corrosion resistance, it is recommended to apply 1 coat of TransTower Urethane Alkyd Primer (YP660) to a dry film thickness of 75 microns, followed by a coat of TransTower Urethane Alkyd Finish (YF149) to a dry film thickness of 100 microns • Due to high volume solids of this primer which are in accord with the 1991 National Grid specifications, and also widely varying application conditions e.g. different ambient temperatures, wind velocities, contractor application techniques and losses etc., practical spreading rates will differ from theoretical rates given above. Dependent on applied film thickness, the practical spreading rates will generally fall in the range of 3 – 4 sq. meters per litre
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.

Method	Airless Spray	Conventional Spray	Brush	Roller
	Yes	No	Yes	No