

TransTower Urethane Alkyd Primer YP660

Product Description	A urethane-alkyd anticorrosive primer for Transmission Towers. Contains zinc phosphate and MIO pigmentation.				
Features & Use	<ul style="list-style-type: none">Use on structural steel and fresh or weathered galvanising, such as transmission towers, tanks, bridges, gantries etc., where high build is a particular requirementDesigned 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 m²/litre	
	Maximum	75 µm	156 µm	6.4 m²/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		+10°C	+23°C	+30°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	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	23-60°C				

TransTower Urethane Alkyd Primer YP660

 Issue Date: Dec 2018
 Page 2 of 2

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. 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	Method	Airless Spray	Conventional Spray	Brush	Roller
		Yes	No	Yes	No
	<ul style="list-style-type: none"> This product is designed for brush application without thinning For airless spray application, please consult Axalta Coating Systems for advice 				
Product Notes	<ul style="list-style-type: none"> 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.				

The information provided herein corresponds to our knowledge on the subject at the date of its publication. This information may be subject to revision as new knowledge and experience becomes available. The data provided fall within the normal range of product properties and relate only to the specific material designated; these data may not be valid for such material used in combination with any other materials or additives or in any process, unless expressly indicated otherwise. The data provided should not be used to establish specification limits or used alone as the basis of design; they are not intended to substitute for any testing you may need to conduct to determine for yourself the suitability of a specific material for your particular purposes. Since Axalta cannot anticipate all variations in actual end-use conditions Axalta makes no warranties and assumes no liability in connection with any of this information. Nothing in this publication is to be considered as a license to operate under or a recommendation to infringe any patent rights. This product is for professional use only.