

TransTower Vinyl Primer YP010

Product Description	A modified vinyl anticorrosive primer for Transmission Towers. Contains zinc phosphate anticorrosive pigment, MIO and other non-toxic pigmentation.				
Intended Use	<ul style="list-style-type: none"> For the anticorrosive protection of electricity Transmission Towers, gantries, bridges and tank externals Use with YF020 Finish for a two coat approved vinyl system UK National Grid approved Designed to be moisture tolerant thus enabling application on to damp steelwork, 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	UK National Grid				
Finish	Matt				
Volume Solids	45 ± 2%				
VOC Content	443 ± 20 g/litre				
Film Thickness Range And Coverage		Dry Film Thickness	Wet Film Thickness	Theoretical Coverage	
	Typical	45 µm	100 µm	10.0 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 45 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	Buff				
Product Code	30STTTOW-010				
SG	1.46 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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<p>Surface Preparation</p>	<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, loose scale or rust should be removed by wire brush to standard St2 (ISO 8501-1:2007), taking care to avoid 'polishing' the surface For surfaces other than bare Steel, please consult Axalta Coating Systems 														
<p>Mixing</p>	<p>Must be mixed thoroughly before use. Product is designed to be highly thixotropic to allow high build application by brush.</p>														
<p>Thinner</p>	<p>DO NOT THIN Equipment Cleaner Thinner No.4 – TH120</p>														
<p>Application Conditions</p>	<p>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.</p>														
<p>Application Methods</p>	<table border="1" data-bbox="451 929 1495 1064"> <thead> <tr> <th data-bbox="451 929 675 1003">Method</th> <th data-bbox="675 929 922 1003">Airless Spray</th> <th data-bbox="922 929 1169 1003">Conventional Spray</th> <th data-bbox="1169 929 1337 1003">Brush</th> <th data-bbox="1337 929 1495 1003">Roller</th> </tr> </thead> <tbody> <tr> <td data-bbox="451 1003 675 1064"></td> <td data-bbox="675 1003 922 1064">Yes</td> <td data-bbox="922 1003 1169 1064">No</td> <td data-bbox="1169 1003 1337 1064">Yes</td> <td data-bbox="1337 1003 1495 1064">No</td> </tr> </tbody> </table> <ul style="list-style-type: none"> This product is designed for brush application without thinning For airless spray application, please contact Axalta Coating Systems for advice 					Method	Airless Spray	Conventional Spray	Brush	Roller		Yes	No	Yes	No
Method	Airless Spray	Conventional Spray	Brush	Roller											
	Yes	No	Yes	No											
<p>Product Notes</p>	<p>System For maximum corrosion resistance, it is recommended to apply 1 coat of YP010 Primer to a dry film thickness of 40- 60 microns, followed by 1 coat of YF020 Finish to a dry film thickness of 100 - 150 microns (average 125µm).</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 3.5 - 5 sq.m. per litre.</p>														
<p>Health & Safety</p>	<p>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.</p>														

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