

ViterBond EPY102 Epoxy Adhesion Primer

Product Description	A two pack epoxy, white adhesion primer , for use on steelwork, galvanising and other substrates.				
Features & Use	<ul style="list-style-type: none"> • Excellent adhesive properties to difficult substrates including Terrazzo tiles • Provides excellent adhesion to prepared aged epoxy coatings • Use as a primer for application to steel, plaster, concrete, brickwork or new timber where an epoxy system is to be applied • Use as a primer in food factories, creameries etc. where a non-toxic system is required • Suitable as an adhesion coat for bright degreased galvanised steel (e.g. interior roof purlins) and aluminium surfaces, where a white primer is required • Withstands temperatures up to 175°C 				
Approvals/ Certification	Please consult Axalta Coating Systems				
Finish	Matt				
Volume Solids	42 ± 2%				
VOC Content	509 ± 20 g/litre				
Film Thickness Range And Coverage		Dry Film Thickness	Wet Film Thickness	Theoretical Coverage	
	Typical	30 µm	72 µm	14.0 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 30 microns DFT	+10°C	+23°C	+35°C	
	Dust Free	5 hr	2-4 hr	2 hr	
	Hard Dry	20 hr	12-16 hr	12 hr	
	Overcoating	Minimum	20 hr	16 hr	12 hr
		Maximum	7 days	7 days	3 days
Drying and recoating times are related to the film thickness, temperature, the relative humidity of the air and ventilation					
Colours	White				
Mix Ratio/ Product Code	Base	3320 001	4 parts by volume		
	Hardener	4050 101	1 part by volume		
Pot Life	8 hours at 23°C				
SG	1.33-1.35 kg/lit mixed				
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°C – 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, weld flux 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 apply over ViterBond ST200 or WG200 surface tolerant primers New Galvanised or Aluminium Surfaces: degrease using a propriety bio-degradable degreaser rinsed with clean fresh water and allowed to dry. Lightly abrade all surfaces to obtain a 'key' New Plaster, Concrete and Brickwork: all surfaces should be thoroughly dry, laitance removed from concrete and all building residue removed. Blockwork walls should be sealed using a suitable block filler 														
<p>Mixing</p>	<p>Mix only in the proportions stated, mixing each component individually then together using a mechanical agitator. Agitate periodically during use to ensure product remains homogeneous.</p>														
<p>Thinner</p>	<p>1031 Thinner Equipment Cleaner 1031 Thinner</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. Only apply this product when the above conditions can be maintained throughout the critical application and drying/curing process. Paint temperature should ideally be at a minimum of 15°C.</p>														
<p>Application Methods</p>	<table border="1"> <thead> <tr> <th>Method</th> <th>Airless Spray</th> <th>Conventional Spray</th> <th>Brush</th> <th>Roller</th> </tr> </thead> <tbody> <tr> <td></td> <td>Yes</td> <td>Yes</td> <td>Yes</td> <td>Yes</td> </tr> </tbody> </table>	Method	Airless Spray	Conventional Spray	Brush	Roller		Yes	Yes	Yes	Yes				
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<ul style="list-style-type: none"> Airless Spray: Output fluid pressure at tip 2000 psi, Tip Size: 13 thou (0.33) Refer to Axalta Coating Systems 'Epoxy Application and Curing Notes' 															
<p>Product Notes</p>	<ul style="list-style-type: none"> Suitable for overcoating with conventional, epoxy or polyurethane top coats This product is an adhesion primer coat that requires further coatings to be applied to build up a protective paint system Avoid exceeding the maximum stated dry film thickness Inadequate surface preparation will result in poor coating adhesion 														
<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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