

ViterTherm QD Aluminium

Product Description	A single pack bright aluminium finish for general use and heat resistance up to 150°C.				
Features & Use	<ul style="list-style-type: none">• An air drying, synthetic resin based coating with a bright aluminium finish• Use as a general purpose aluminium finish• Heat resistant up to 150°C• Low odour solvents• Application by spray recommended, brush for touch-up				
Approvals/ Certification	Please consult Axalta Coating Systems				
Finish	Metallic				
Volume Solids	27 ± 2%				
VOC Content	627 ± 20 g/litre				
Film Thickness Range And Coverage		Dry Film Thickness	Wet Film Thickness	Theoretical Coverage	
	Minimum	20 µm	74 µm	13.5 m²/litre	
	Maximum	25 µm	93 µm	10.8 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 20 microns DFT		+10°C	+23°C	+35°C
	Dust Free		30 min	15 min	10 min
	Hard Dry		3 hr	1½ hr	1 hr
	Overcoating	Minimum*	3 hr or 6 days	2 hr or 6 days	1 hr or 4 days
		Maximum	Indefinite if surface is clean and sound		
	* See Product Notes				
	Drying and recoating times are related to the film thickness, temperature, the relative humidity of the air and ventilation				
Colours	Bright Aluminium				
Product Code	6001 001				
SG	1.03 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				

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Issue Date: Apr 2018
Page 2 of 2

Surface Preparation	<ul style="list-style-type: none"> This product is a finish coat and should be applied over an appropriate primer and/or intermediate coat All surfaces to be coated should be dry and cleaned as necessary to remove all oil, grease, salts, weld flux or other contamination 				
Mixing	Must be mixed thoroughly by using a mechanical agitator before use. Agitate periodically to ensure paint remains homogeneous.				
Thinner	1006 Thinner Equipment Cleaner 1006 Thinner				
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. Paint temperature should ideally be at a minimum of 15°C.				
Application Methods	Method	Airless Spray	Conventional Spray	Brush	Roller
		Yes	Yes	Yes	No
	<ul style="list-style-type: none"> Airless Spray: Output fluid pressure at tip 2000 psi min., Tip Size 11-13 thou (0.28-0.33 mm) Conventional spray: Typical air atomising pressure 40-60 psi. Will require thinning to 25-35 seconds @ 25°C through a BS B4 Flow Cup Application by brush is recommended for touch up only as product is very fast drying Dependent on temperature, the material may require thinning up to 10% with 1006 Thinner 				
Product Notes	<ul style="list-style-type: none"> Product should be applied to cool surfaces (around 20°C). Allow to dry for at least the minimum overcoating times before heating to elevated service temperatures A typical system would be 2 coats of ViterTherm QD at 20-25 microns dft per coat, applied over a sound existing system or over a suitable primer. Consult Axalta Coating Systems for advice Do not use in acid or alkali environments Ingress of moisture into the can will cause gassing and pressure build up – take care when opening 				
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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