



2K Acrylic Direct to Metal Paint

Product Description	A high quality 2K acrylic direct to metal coating.			
Recommended Uses	ADTM can be used as a direct to metal coating with no need for a separate primer, typical applications could be the coating of galvanised sheets, light alloy parts and any industrial fabrication that a quality DTM coating is preferred.			
Features & Benefits	<ul style="list-style-type: none"> • Contains special corrosion inhibitors giving very high anti corrosion results – 400 hours salt fog • Excellent outdoor resistance to weathering • Outstanding adhesion to galvanise, light alloys and a wide range of plastics 			
VOC Content & Compliance	420g/litre (with UHS Hardener ACTHS) The EU limit value for this product (product category: 11B.d) in ready to use form is max. 420 g/litre of VOC			
Finish	Matt to Gloss			
Volume Solids	65 ± 2% will vary with colour, Activator & Thinner			
Pack Sizes Available	3.5L.			
Film Thickness & Coverage		Dry Film Thickness	Wet Film Thickness	Theoretical Coverage
	Minimum	50 µm	77 µm	9 m ² /litre
	Actual coverage varies considerably with factors including surface porosity, roughness, application methods and conditions.			
Minimum Application Temperature	Air temperature 15°C		Substrate temperature 10°C	
Drying & Overcoating Times	Applied to 50 microns DFT	+10°C	+20°C	+30°C
	Flash Off	-	10 Mins	-
	Dust Free	-	20-30 Mins	-
	Through Dry	-	24 hr	-
	Full Cure	Maximum	14 Days	-
	Overcoating	4 hrs to max 96hrs		
	Pot Life	4 hrs		
	Overcoating window: 4hrs to max 96hrs, after this sanding is required. Drying and re-coating times are related to the film thickness, temperature, the relative humidity of the air and ventilation			
Colour Range	Ral Classic and British Standard 4800 & 381 C - other colours on request.			
Product Code	3.5L Matt - ADTM10-3.5, 3.5L Gloss - ADTM80-3.5			
Specific Gravity	1.2kg/lit (varies with colour)			
Storage Conditions	Between 15°C - 25°C for at least 12 hours prior to use. Do not allow to freeze.			
Shelf Life	Minimum 2 years if stored as above in unopened containers			
Flash Point	Above 38°C (closed cup)			
Surface Preparation and Suitable Substrates	<p>METAL: clean, dry, degreased, without rust and/or calamine.</p> <p>LIGHT ALLOYS: clean, dry, degreased; abrade the surface to guarantee direct adhesion.</p> <p>GALVANIZED SHEET: remove all white powder corrosion with thorough wire brushing</p> <p>Many plastics that are suitably abraded and degreased</p>			
Typical Viscosity	3 - 5 Poise @ 25 °C			



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Mixing Options	UHS Hardener ACTHS Mix 8 parts paint to 1 part ACTHS Dilute 5-10% with T51 thinners HS Hardener ACTEC Fast dry (non-compliant) Mix 4 parts paint to 1 part ACTEC Dilute 5-10% with T51 thinners				
Thinner	T51 thinners		Equipment Cleaner: T51 thinners		
Application	Conventional or Airless Spray equipment 1-2 coats to reach the desired thickness.				
Preceding Coat	Please contact our Technical Department to discuss a wide range of systems.				
Subsequent Coat	Please contact our Technical Department to discuss a wide range of systems.				
Application Methods	Method	Airless Spray	Conventional Spray	Brush	Roller
		Yes	Yes	No	No
	<ul style="list-style-type: none"> Avoid excessive film thickness as this will cause through-drying problems 				
Product Notes					
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				

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