

Bright Aluminium Paint

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 coating with a bright aluminium finish• Heat resistant up to 150°C• Application by spray recommended, brush for touch-up only• Use as a general purpose aluminium finish for ducting, chassis members, tank exteriors, pipework• Use in a solar reflective role to minimise temperatures				
Approvals/ Certification	Please consult Axalta Coating Systems				
Finish	Bright lustre				
Volume Solids	51 ± 2%				
VOC Content	403 ± 20 g/litre				
Film Thickness Range And Coverage		Dry Film Thickness	Wet Film Thickness	Theoretical Coverage	
	Typical	25 µm	49 µm	20.4 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 25 microns DFT		+10°C	+23°C	+35°C
	Dust Free		2 hr	1 hr	40 min
	Hard Dry		5 hr	3 hr	2 hr
	Overcoating	Minimum	7 hr	5 hr	4 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	Bright Aluminium				
Product Code	02ALP-000				
SG	1.01 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"> 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 For higher temperature service, this product may be applied direct to metal. Ideally 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. Performance at normal temperatures will be limited without a primer For most applications this product should be applied over a suitable primer. Please consult Axalta Coating Systems for advice 				
Mixing	Must be mixed thoroughly by using a mechanical agitator before use. Agitate periodically to ensure paint remains homogeneous.				
Thinner	Do not thin Equipment Cleaner No.3 or No.4 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	Yes
	<ul style="list-style-type: none"> Airless Spray: output fluid pressure at tip 1800-2200 psi min., Tip Size 11-15 thou (0.28-0.38 mm) Conventional spray: Typical air atomising pressure 30-40 psi, 1.4-1.8mm nozzle Application by brush or roller is recommended for touch up only as maximum cosmetic finish will be achieved by spray 				
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 higher temperatures A typical system would be 2 coats of Bright Aluminium Finish 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 Contains Aluminium - 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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