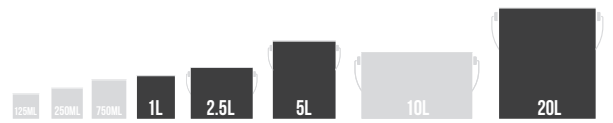


TECHNICAL DATA SHEET

Version 1.2 / 31.10.2023

PRODUCT CODE: BASE-2KP90

2 Pack Acrylic Polyurethane Full Gloss



Product Description **2 Pack Acrylic Polyurethane** is an Acrylic Polyurethane finish coat that is fast drying and provides excellent exterior durability and hardness. It offers a high level of water and chemical resistance in exterior environments. Suitable for metals and various plastic surfaces, over suitable priming schemes. It does not contain lead.

Intended Use It is used on steelwork where superior colour and gloss retention are required, typically Agricultural and industrial machinery, quarry plant and railway equipment. It is also used as a topcoat in structural steel paint systems where a level of protection conforming to ISO 12944 C3 – C5 is required.

Product Information

Colour/s:	RAL, BS, & NCS Colour Ranges Special Colour Matchings also available
Finish:	Full Gloss
Specific Gravity:	1.00
Volume Solids:	50% ± 2%
VOC:	Cat (A/J) Max. 500g/l. This product contains Max. 490 g/l

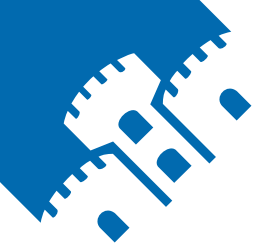
Application Details

Activator:	Curing Agent CP929
Activation:	Mix 2:1 with CP929 Mix thoroughly (Mechanical mixing is recommended)
Application:	Apply to specified film thickness
Application Method:	Brush or spray

Application Equipment

Thinner:	2k Unithinner
Airless Spray	
Nozzle Size:	11 – 15 Thou
Operating Pressure:	120 - 180 bar / 1750 - 2600 PSI
Film thickness:	80 – 120 µm WFT / 40 - 60µm DFT
Practical coverage:	6.0m ² /litre – 8.0m ² /litre depending on film thickness specification

(For guidance only. Fluid hose length and other factors may have an effect on tip size selection and operating pressure. Always refer to equipment manufacturers instructions.)



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Drying Time	Substrate Temperature:	10°C	25°C
	Touch Dry:	20-30 minutes	10-15 minutes
	Hard Dry:	3-4 hours	2-3 hours
	Minimum Overcoat:	3 hours	2-3 hours
	If left more than 24 hours, sanding is recommended prior to Overcoating.		
Surface Preparation	Plastic:	The substrate must be thoroughly clean, and free of all mould release agents and static charges. Antistatic cleaners may be required on certain plastics.	
	Metals:	Ensure surfaces are clean, dry and free from dirt, grease and other contamination.	
	Priming:	The choice of primer will depend on the substrate & paint system specification	
Storage & Handling	Storage:	Store in a cool dry place and out of reach of children. Keep away from extremes of temperature.	
	Pack Size:	1L, 2.5L, 5L, 20L,	
Health & Safety	Paint product - flammable		
	Keep away from sources of ignition		
	Do not take internally		
	Keep out of reach of children		
	In case of contact with eyes rinse immediately with plenty of water		
	In case of insufficient ventilation wear suitable respiratory equipment		
	Remove splashes from skin using soap and water or a recognised skin cleaner		
	Dispose of container and contents in accordance with local/national regulations		
	Do not empty product into drains or watercourses		
	Contains no added lead		
See MSDS for more information			
Quality Assurance	Castle Paints products are manufactured using only the highest quality raw materials. We guarantee the quality of our products. This guarantee does not include labour or cost of labour for the application of any paint.		
	The user will be deemed to have satisfied him/herself independently as to the suitability of our products for his/her own particular purpose. In no event shall Castle Paints be liable for consequential or incidental damages.		



The information contained herein is to the best of our knowledge true and accurate and is given in good faith but without warranty. The user will be deemed to have satisfied him/herself independently as to the suitability of our products for his/her own particular purpose. In no event shall Castle Paints be liable for consequential or incidental damages.