

ORART427

OROPAL 1K ZP PRIMER / FINISH SEMI-GLOSS

Fast drying Alkyd Glossy Primer Finish containing antioxidant pigments with excellent salt spray results. It can be used as a direct to metal finish coat for iron and steel protection with excellent results. It also stands temperatures of 150°C and it can reach temperatures of 200°C for short periods of time.

Physical parameters

Viscosity (Ford cup #4)	120 – 160"	(depending on the colour)
Specific gravity	1,10 – 1,25 g/cc	(depending on the colour)
Solids content	53 – 58%	
Colour	Wide range of colours (RAL, BS colour charts) and Clear Binder	
Spreading rate	8 – 11 m ² /L	(125 – 160 g/m ²)
In-can appearance	Viscous liquid	
Dry film appearance	Fast drying semi-gloss film	
Stability	12 months at 10 – 25°C	
Gloss	55 – 65%	
Adhesion	100% (Max: GT0)	
VOC	<500 g/L Directive 2004/42/CE: Limit value (2010) for this product (sub. cat. A/i): 500 g/L	
Granulometry	<25 µm	
Salt spray test	>400 hours	

Product use information

Surface	Iron, steel
Surface preparation	Surface must be sound, dry, clean and free of oil or any other foreign substance
Product preparation	Stir the product thoroughly with a suitable clean mixing paddle and check colour before application
Application method	Brush, Roller, All types of spray equipment (recommended tip for airless application 13 – 15 thou)
Dilution	Brush/roller application: Up to 3% with ORART 724 Spray gun application: Up to 15 – 20% with ORART 724
Application	Apply 1 – 2 coats of 40 – 50 µm dry film thickness
Drying	Touch drying time: 35 – 45 min. Drying time is very influenced by the dry film weight, type and state of the substrate and weather conditions.
Recoatable	12 – 24 hours
Cleaning	ORART 724

Product	Product code	Brand	Author	Date	Version	Replaces	Page	Language
ORART427	ORART427XXX/Y	OROPAL	IKI COATINGS – IRURENA GROUP	12.12.19	1	Any previous version	1/2	EN

Application process	Primer	Top coat
Iron, steel	ORART427	ORART524
Iron, steel	ORART427	

Additional information	
Safety	Consult package labelling. All safety information related to this product can be found in the relevant product safety data sheet
Storage	1 year

This technical data sheet aims to inform our customers about the properties of our product. Although the data contained here is based on our knowledge and technical reports carried out according to the mentioned standards, the suitability for purpose of use should be confirmed under customer practical conditions.



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