



AVKOTE Plasticover 2k

Description for Roll and Spray Versions

Base of Binder:	Polyurethane / Acrylic resin combination (two pack system)
Field of Application:	Rapid drying coating with high scratch hardness for some substrates like Plastics and Plastic Coated Steel, GRP, Metal, Wood, Wood Chipboards and MDF boards for furniture's and interior finishing
Delivery Specifications	
Colour:	RAL, NCS and BS colour card
Finish:	Silky Matt (gloss 30-35% by Hardener 60°∠)
Hardener:	AVKOTE 279 Hardener (Spray)
	AVKOTE 279 Hardener (Roller)
Consistency:	Viscous

Technical Data

The mentioned values refer to white 80, they can vary slightly from those of coloured paints		
Density (20°C):	Mixture 10:1 by volume 1.14 g/cm ³	
Solids	Mixture 10:1 by volume approx. 50%	
Levelling:	Spraying or flowing - good	
Resistance to:	Weather	Very good
	Water	Very good
	Alcohol (50%)	Good
	Scratch	Very good
	Spirits	Very good
	Acids (thinned)	Good
	Alkalis (thinned)	Good
Processing and drying temperature:	Minimal +10°C	
Theoretical coverage for 30 µm (spray) 40um (roll) dry film thickness:	Approx. 96 g/m ² (→ 11.8 m ² /litre mixture)(without loss by spraying)	
	Approx. 128 g/m ² (→ 7.8 m ² /litre mixture roller)	
Storage life in tightly closed Containers at 20°C:	Paint approx. 12 months	
	Hardener approx. 6 months	
Light fastness and yellowing Resistance:	Very good judging by outdoor weathering for one year	

Processing

Mixing Ratio Spray:	10:1 by volume (100 parts Plasticover to 10 part AVKOTE 279 hardener)
Mixing Ratio Roller:	25:1 by Volume (100 parts Plasticover to 25 parts AVKOTE 279 Hardener)
Pot life at 20°C:	Approx: 8 hours
Application:	Spraying (compressed air, airless, airmix and so on) or roller
Drying time 23°C/50% r h:	Dust-dry after approx. 5 minutes
	Tack-free after approx. 10 minutes
	Through dry after approx. 1 hours
Paint Renovation:	Sanding a re-coating with AVKOTE Plasticover 2k
Paint Remover:	Sanding or removing with AVKOTE Plasticover 2k Paint Remover
Cleaning of Equipment	Immediately after use with thinner or cleaning agent

This information is a standard recommendation. The application should be adapted to local standards. No liability or claim can be made from this sheet.



THE SPECIALIST PAINT SUPPLIERS

Precautionary Measure:	Pay attention to all aspects of industrial hygiene
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Coatings Recommendations

Substrate	Plastisol Plastic Coated Steel – other plastics by reference. Aluminium profiles, metals and powder coating. Apply primer on metal free from rust, grease and dust. Wood chipboards – sanding and priming. Plastics – composition must be ascertained.
Aluminium & Galvanised steel 1 x AVKOTE Primer Surfacer 1 x AVKOTE Plasticover 2k	Wood Chipboards & MDF Boards Edge protection with AVKOTE 207 Sealer Primer 1-2 x AVKOTE 1090 Filler Primer or 1-2 x AVKOTE 207 Sealer Primer
Iron 1 x AVKOTE Primer Surfacer 1 x AVKOTE Plasticover 2k	Intermediate sanding 1 x AVKOTE Plasticover 2k
Plastisol, Plastics, PVCu, GRP and ABS 1 x AVKOTE Plasticover 2k	Laminated Chipboards 1 x AVKOTE Plasticover 2k
Observation - Coating by pastel- coloured paints (light shades) i.e. working plastic coated steel surfaces, covering panels and so on we recommend, in order to increase the resistance of susceptibility to scratch (dark traces of rings and so on) a protecting coat by colourless AVKOTE 1483/1485 with AVKOTE 279 Hardener	

Safety Advice

Security Data Sheet:	Ask for our security data sheet no 1012 for Plasticover 2k & 1226400 for 279
Flash Point:	AVKOTE Plasticover 2k - 13°C AVKOTE 279 Hardener - 0°C
Classification RID/ADR:	Class 3/figure 5c Class 3/figure 5b

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