

AVKOTE Plasticover 2K

Description For Roller & 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, BS and Pantone Colour Card
Gloss	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 approximately 50%
Levelling	Spraying or Flowing is good
Resistance to :	Weather Very good
	Water Very good
	Scratch Very good
	Spirits Very good
	Alkali's (thinned) Good
	Alcohol (50%) Good
	Acids (thinned) Good
Processing/ drying temperature	Minimal +10°C
Theoretical coverage for 30µm (spray) 40µm (roller) dry film thickness	Approximately 96 g/m ² (→ 11.8 m ² /litre mixture)(without loss by spraying) 128g/m ² (7.8m ² /litre mixture roller)
Storage life in tightly closed containers at 20°C	Paint - approximately 12 months
	Hardener - approximately 6 months
Light fastness / yellowing resistance	Very good judging by outdoor weathering for one year

Processing

Mixing Ratio Spray	10:1 by Volume (100 parts Plasticover to 10 parts AVKOTE 279 Hardener)
Mixing Ratio Roller	25:1 by Volume (100 parts Plasticover to 25 parts AVKOTE 279 Hardener)
Pot Life at 20°C	Approximately 8 hours
Application	spraying(compressed air, airless, airmix and so on) or roller
Drying Time at 23°C/50% r.h	dust-dry - after approximately 5 minutes
	tack-free - after approximately 10 minutes
	through-dry - after approximately 1 hour
Paint Renovation	Sanding or re-coating with AVKOTE Plasticover 2K
Paint Remover	Sanding or removing with AVKOTE Plasticover 2K paint remover

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

Cleaning of Equipment	Immediately after use with thinner or cleaning agent
Precautionary Measure	Pay attention to the all aspects of industrial hygiene

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 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 Lacquer with AVKOTE 279 Hardener	

Safety Advice

Security Data Sheet	Ask for our Security Data Sheet Number 1012UNIKOTE for Plasticover 2k and 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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