

AVKOTE SP

Description

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, GRP, Metal, Wood, Wood Chipboards, MDF Boards for furniture's and interior finishing
Delivery Specifications	
Colour:	RAL, NCS, BS and Pantone colour card
Gloss:	Gloss (80-90% by Gardner 60°∠)
Hardener:	AVKOTE 279 Hardener
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:	<table border="1"> <tr> <td>Weather</td> <td>Very good</td> </tr> <tr> <td>Water</td> <td>Very good</td> </tr> <tr> <td>Alcohol (50%)</td> <td>Good</td> </tr> <tr> <td>Scratch</td> <td>Very good</td> </tr> <tr> <td>Spirits</td> <td>Very good</td> </tr> <tr> <td>Acids (thinned)</td> <td>Good</td> </tr> <tr> <td>Alkalis (thinned)</td> <td>Good</td> </tr> </table>	Weather	Very good	Water	Very good	Alcohol (50%)	Good	Scratch	Very good	Spirits	Very good	Acids (thinned)	Good	Alkalis (thinned)	Good
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Processing and drying temperature :	Minimal +10°C														
Theoretical coverage for 30 µm dry film thickness:	Approx. 96 g/m ² (→ 11.8 m ² /litre mixture)(without loss by spraying)														
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:	2:1 by volume AVKOTE 279 Hardener
Pot life at 20°C:	approx. 8 hours
Application:	spraying(compressed air, airless, airmix and so on)or flowing
Drying time 23°C/50% r.h.:	Dust-dry after approx. 10 minutes Tack-free after approx. 15 minutes Through dry after approx. 2 hours
Paint Renovation:	sanding a re-coating with AVKOTE SP
Paint Remover:	Sanding or removing with AVKOTE Paint Remover
Cleaning of Equipment	Immediately after use with thinner or cleaning agent
Precautionary Measure:	Pay attention to the all aspects of industrial hygiene

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

Technical Data Sheet Number: 1228100

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Coatings Recommendations

Substrate	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
Metals, Aluminium & Galvanised steel 1 x AVKOTE Primer Surfacer 1 x AVKOTE SP	Wood, Wood Chipboards & MDF Boards edge protection with AVKOTE Filler Primer 207 1-2 x AVKOTE 1090 Sealer Primer or 1-2 x AVKOTE 207 Filler Primer
Plastics, PVCu, GRP & ABS 1 x AVKOTE SP	intermediate sanding 1 x AVKOTE SP
Iron 1 x AVKOTE Primer Surfacer 1 x AVKOTE SP	Laminated Chipboards 1 x AVKOTE SP
Observation - Coating by pastel- coloured paints (light shades) i.e. working 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 1228100 for SP and 1226400 for 279
Flash Point:	AVKOTE SP - 13°C
Classification RID/ADR:	Class 3/figure 5c Class 3/figure 5b

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