

## AVKOTE LE

### 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 and MDF boards for furniture
Delivery Specifications	
Colour:	RAL, NCS, BS and Pantone colour card
Finish:	Silky Matt (gloss 30-35% 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 <sup>3</sup>														
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 <sup>2</sup> (→ 11.8 m <sup>2</sup> /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 tests														

### Processing

Mixing Ratio:	10:1 by volume (5:1 by volume for special use on metal)
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. 5 minutes Tack-free after approx. 10 minutes Through dry after approx. 1 hours
Paint Renovation:	Sanding a re-coating with AVKOTE LE
Paint Remover:	Sanding or removing with AVKOTE Paint Remover
Cleaning of Equipment	Immediately after use with thinner or cleaning agent
Precautionary Measure:	Work should be carried out in line with standard industrial safety procedures

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



**Coatings Recommendations**

Substrate	Aluminium profiles, Metals and Powder Coating - apply primer on metal free from rust, grease and dust. Wood Chipboards - sanding and priming. PVCu and Plastics - one coat (no primer) on most compositions. Check plastic type for suitability.
Aluminium & Galvanised steel 1 x AVKOTE Primer Surfacer 1 x AVKOTE LE	Wood Chipboards & MDF Boards Edge protection with AVKOTE 207 Filling Primer 1-2 x AVKOTE 1090 Filler Primer or
Iron 1 x AVKOTE Primer Surfacer 1 x AVKOTE LE	1-2 x AVKOTE 207 Sealer Primer intermediate sanding 1 x AVKOTE LE
Plastics, PVCu, GRP and ABS 1 x AVKOTE LE	Laminated Chipboards 1 x AVKOTE LE
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 1228000 for LE & 1226400 for 279
Flash Point:	AVKOTE LE - 13°C AVKOTE 279 Hardener - 0°C
Classification RID/ADR:	Class 3/figure 5c Class 3/figure 5b

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