

AVKOTE RLE

Description

Base of Binder:	Polyurethane / Acrylic resin combination (two pack system)
Field of Application:	Rapid drying coating with high scratch resistance for substrates like PVCu and other Plastics, GRP, Metal, Wood, Wood Chipboards and MDF boards for furniture
Colour:	RAL, NCS, BS and Pantone colour card
Finish:	Silky Matt (gloss 40-50% 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:	Rolling 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
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 dry film thickness:	Approx. 128 g/m ² (→ 7.8 m ² /litre mixture)														
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:	25:1 by volume
Pot life at 20°C:	approx. 8 hours
Application:	Roller (mohair roller)
Drying time 23°C/50% r.h.:	Dust-dry after approx. 20 minutes Tack-free after approx. 30 minutes Through dry after approx. 2 hours
Paint Renovation:	sanding a re-coating with AVKOTE RLE
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. Plastics - composition must be ascertained
Metals, Plastics, Aluminium & Galvanised Steel 1 x AVKOTE Primer Surfacer 1 x AVKOTE RLE	Wood, Wood Chipboards & MDF Boards edge protection with AVKOTE 207 sealer Primer 1-2 x AVKOTE 1090 Filler Primer or
Plastics, PVCu, GRP, ABS 1 x AVKOTE RLE	1-2 x AVKOTE 207 Sealer Primer intermediate sanding
For all other Plastics please contact AVKO Limited for further information	1 x AVKOTE RLE
Iron 1 x AVKOTE Primer Surfacer 1 x AVKOTE RLE	Laminated Chipboards 1 x AVKOTE RLE
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 1010RLE for RLE and 1226400 for 279	
Flash Point:	AVKOTE RLE - 13°C	AVKOTE 279 Hardener - 0°C
Classification RID/ADR:	Class 3/figure 5c	Class 3/figure 5b

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