

AVKOTE SFP

Product Description		<p>This interior 2 coat single application product provides excellent coating on high-quality MDF and other wood-based boards in rooms with a high level of moisture such as bathrooms and kitchens. Due to the high level of penetration into the substrate, the filler provides optimum insulation against the penetration of moisture.</p> <p>The very high filling properties and excellent adhesion to vertical surfaces round off the special properties of the product.</p>
Binding Agent		2k-polyurethane resin
Areas of Application		For priming MDF, HDF or wood-based boards. The surfaces that have been primed with this product will provide a substrate for producing high-quality colour coatings.
Form of Supply	Colour	White (Can be tinted if required. Please ask a member of the AVKO team for more information)
Hardener		279 Hardener
Packaging	Primer/Filler/Sealer	1,2.5 & 5 litre containers
	Hardener 279	1 litre containers

Technical Data


	Coating		Hardener		Mixture	
Specific Gravity						
Solids Content	60	± 1 w/w-%	45	± 1 w/w-%	58	± 1 w/w-%
Organic Solvent Content	40	± 1 w/w-%	55	± 1 w/w-%	42	± 1 w/w-%
VOC Content (EU)	535	g/L	545	g/L	536	g/L
Shelf Life at 20°C	12 months		6 months in well shut containers			
Theoretical Coverage	180 g/m ² → 5-6 m ² /kg					
Safety Data	Coating			Hardener		
Flash point	27°C			0°C		
Transport ADR/RID	Class: 3 VP:111			Class 3 VP:111		
Poison Classification						
VVS disposal code(EU/CH)	08, 08 01, 08 01 11			08, 08 01, 08 01 11		

Application Recommendation






MDF and other wood-based boards

Product		Data Sheet	Dry Film thickness
Pre-sanding	Firstly, the open edge needs to be sanded back with 180 grit paper to ensure the sealer will key to the open edges. You will then need to sand back the top surface and open edges with a 320 grit paper to smooth the surface.		
Primer:	2 x coats AVKOTE SFP on open edges 1-2 x coats AVKOTE SFP on top surface (depending on quality)	1070/SFP	150-200 g/m ²
Intermediate sanding:	With grain 240-280		
Recoating:	AVKOTE FE/FL	5393/FE 5393/FL	150-200 g/m ²
	For further application proposals please ask our technical department.		




Preparation

	Substrate	Every substrate must be well-cleaned, dry and free of grease and oil and dry before any application is made
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Processing

	Preventative Measures	We recommend the wearing of protective clothing even if not stipulated by law. The national and regional health and safety regulations for work hygiene and equipment are to be observed. Pay attention to our safety data sheet Nos. 107000 and H90100
	Stir	Before use ensure contents are stirred together well with hardener if applicable.
	Mixing Requirements	10 : 1 by weight with AVKOTE 279 hardener. Volumetric: 100ml Hardener to 800ml AVKOTE SFP
	Pot Life at 20°C	5 hours
	Dilution Thinner	Dilute with thinners 95 (slow) or 13000 (fast) to application viscosity according to the table shown below
	Additional Remarks	On MDF boards with a raw density of <700 kg/m ³ we recommend pre-treatment of the edges with AVKOTE 242 Marine.

Application

		Viscosity	Thinners	Nozzle	Pressure for HVLP spray guns	Spray Coats
	HVLP Gravity Feed Gun	50-60" DIN 4 mm	0-10 %	2.0-2.5 mm	2-3 bar	1-2
	HVLP Airless-(Airmix) Spray Application	50-70" DIN 4 mm	0-5 %	0.28-0.33 mm		1-2
	Drying Time	At 23°C and 65% relative humidity				
		Dust dry after:		10		minutes
		Touch dry after:		60		minutes
		Sandable after:		4		hours
		Recoat after:		4		hours
	Fully dry after:		2		days	

Important References

Minimum Application- and Drying Temperature	During application and drying of a coating maintain a minimum temperature of 15°C.
Coating Removal	Sand or strip
Equipment Cleaning	Immediately after use with Gun Wash Thinners

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