

ECOTE WSF PRIMER

Product Description		This is an Interior Water-based Single Pack sealer, filler primer. Easily sanded, 1-2 coat, quick drying and a very good filling primer for porous coatings. The primer can be applied by brush or spray. This product provides excellent sealing/filling on high-quality MDF face and edges (in 2 coats), Plywood and other wood-based boards. Very high filling properties and excellent adhesion to vertical surfaces
Binding Agent		1k Polymer Dispersion
Areas of Application		For Priming, Sealing, Filling MDF, Wood or Wood based boards in general Furniture, interiors, shopfitting's and kitchens. The surface that has been primed with this product will provide a substrate for producing high quality colour coating.
Form of Supply	Colour Gloss Level	White Matt
Packaging	Primer/Filler/Sealer	1 & 5 litre containers


Technical Data

Specific Gravity	1.48	
Solids Content	66	± 2 Weight - %
VOC Content (EU)	1	g/L
Shelf Life at 20°C	12 months	
Actual Coverage		
Spray	380 g/m ²	4 m ² /L for 80 µm dry layer thickness
Brush	105 g/m ²	9.5 m ² /L for 30 µm dry layer thickness

Safety Data	
Flash point	N/A
Transport ADR/RID	None Hazardous Goods





Application Recommendation



Preparation


	Substrate Preparation	Every substrate must be well-cleaned, dry and free of grease and oil and dry before any application is made
	Pre-sanding – Hard Fibre and MDF Panels	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.
	Wood	Sand, clean


Product	No of Coats	Application	Dry Film thickness
MDF Panels:	1-2 x Primer	ECOTE WSF Primer applied by brush or spray.	50-100µm
	1 x Top Coat	AVKOTE LE, AVKOTE FL	30-50 µm
Wood	1-2 x Primer	ECOTE WSF Primer applied by brush or spray.	40-80µm
	1 x Top Coat	AVKOTE LE	30-50µm
For further application proposals please ask our technical department.			

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 for ECOTE WSF Primer
	Stir	Before use ensure contents are stirred thoroughly
	Thinner	The mixture is ready to spray. Adjust the viscosity by adding max 5% water if required.
	Brush	Original viscosity

	Viscosity DIN-4 Unthinned	Thinners	Viscosity DIN-4 5% Thinned	Nozzle	Pressure for HVLP spray guns	Spray Coats
 HVLP Gravity Feed Gun	60-70 secs	0 – 5 %	25 secs	1.8-2.0 mm	2-3 bar	1-2
 HVLP Airless-(Airmix) Spray Application	60-70 secs	undiluted	25 secs	06-09		1-2

 Drying Time Spraying Unthinned	For 80 µm dry coating at 65 % of relative humidity		
	20°C	First Coat	Second Coat
Tack-Dry after	6-7 Minutes	8-9 Minutes	
Touch-Dry after	9-10 Minutes	12-14 Minutes	
Dry	20 Minutes	30 Minutes	
Dried (Can be sanded)	1 Hour	1-1.5 Hours	
Suitable for re-coating	10 Minutes	10 Minutes	
Completely Dry	3 Days	3 Days	

 Drying Time Brushing Unthinned	For 30 µm dry coating at 65 % of relative humidity		
	20°C	First Coat	Second Coat
Tack-Dry after	2-3 Minutes	2-3 Minutes	
Touch-Dry after	4-5 Minutes	4-5 Minutes	
Dry	30 Minutes	30 Minutes	
Dried (Can be sanded)	1 Hour	1 Hour	
Suitable for re-coating	15 Minutes	15 Minutes	
Completely Dry	2 Days	2 Days	

Important References

Minimum Application- and Drying Temperature	During application and drying of a coating maintain a minimum temperature of 15°C.
Equipment Cleaning	Immediately after use with water

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