

ECOTE WSF PRIMER

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| 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 | White |
| | Gloss Level | Matt |
| Packaging | Primer/Filler/Sealer | 1 & 5 litre containers |


Technical Data

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|---------------------------|----------------------|---|
| Specific Gravity | 1.53 | |
| 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 |

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





Application Recommendation



Preparation


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|  | 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

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|  | 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 mx 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

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| 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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