

Technical Data Sheet

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Data Sheet No. 3910


Avkote 3910 Primer





Description	
Product description	Clear, quick-drying and very good filling primer for porous coatings, easy to sand Suitable for insulation of ingredient-rich woods as well as strengthening wood-based materials such as MDF boards and for priming and filling plastic substrates. Can be applied in several layers in quick succession. Not suitable for application on peroxide-bleached wood.
Raw material base	Polyurethane resin
Area of application	Furniture, interiors, shopfittings, kitchens and kitchen devices. Very suitable for high-quality, closed-pore coatings of exotic woods (e.g. cases, ...) and plastic parts.
Form of supply	Colours Gloss level
	clear Glossy
Hardener	Hardener H3910
Packing	Lacquer Hardener
	1, 3 and 5 litre containers 1 litre tins

Technical Data	Lacquer	Hardener	Mixture
The data apply for: 39100000 Clear They can vary for other shades.			
Specific gravity (23 °C)	1.0 g/cm ³	1.0 g/cm ³	1.0 g/cm ³
Solids content	41 ± 1 % by weight	45 ± 1 % by weight	appr ox. 42 % by weight
Organic solvents	60 ± 1 % by weight	56 ± 1 % by weight	appr ox. 58 % by weight
VOC content (EU)	570 g / l	547 g / l	568 g / l
Shelf life at 20 °C	12 months	6 months in well-sealed original containers	
Theoretical coverage	120 g/m ² →	8 m ² /kg for 50 µm dry coat thickness	






Safety Data	
	Refer to our Safety Data Sheets Nos. 391000 and H39100 as well as the instructions on the label.

Coating recommendation				
Substrate	Product		Data sheet	Coat thickness amount
Wood substrate, untreated Stain if necessary	1-5 x	Stain application AVKOTE 3910 PRIMER Grain 220 - 280	3910	120 – 150 g/m ²
	1-2 x	AVKOTE SM SERIES or	W3990	120 g/m ²
	1-2 x	AVKOTE 1495 LACQUER	5454	120 g/m ²
Plastics	1-5 x	AVKOTE 3910 PRIMER	3910	40 - 80µm
	1-2 x	AVKOTE UNIVERSAL	5391	40 - 80µm
Please contact our technical staff for further application suggestions.				

Surface preparation		
	Substrate	Every substrate must be well-cleaned, dry and free from grease and oil.
	Wood substrate, untreated MDF substrate, untreated MDF boards Plastics	Only apply the lacquer to newly sanded surfaces Wood sanding with grain 150 – 180 Wood sanding with grain 180 – 220 The edges or milled sections can be pretreated with AVKOTE 3910 PRIMER by brush or roller application Only after prior consultation

Application		
	Precautionary measures	We recommend wearing personal protective clothing, even in cases where no local regulations are in force. The precautions according to local regulations with respect to hygiene and equipment must be observed.
	Stirring	Stir paint and hardener thoroughly before use.
	Mixing ratio Pot life	4 : 1 (primer to hardener, either weight or volume ratio) with hardener H3910 Approx . 1 hour
	Dilution	Thinner 13000 (normal) or thinner 95 (slow)

	Brush painting	Yes
	Rolling	Yes
	Trowel application	No

	Viscosity	Dilution	Nozzle	Pressure	Spray coats
	18-21" DIN4	5 - 10 %	1.8 – 2.2 mm	3-4 bar	several times
	18-21" DIN 4	5 - 10 %	1.8 – 2.2 mm	3-4 bar	several times
 Caution: Pay attention to the pot life	18-21" DIN4	5 - 10 %	09/11	3-4 bar Atomising air 1,5-2	several times
	Evaporation Prior to drying at temperatures of over 40° C an evaporation time of 15 minutes must be observed.				
	Drying time For 120 µm wet film at 23 °C and 65 % rel. air humidity				
	Dust-dry	after:	10	minutes	
	Touch-dry	after:	30	minutes	
	Sandable	after:	1 - 2	hours	
	Recoatable	after:	20	minutes	with itself
	Recoatable	after:	1-2	hours or overnight	

Important Information	
Special restrictions	Max. relative air humidity 80% max. Pay attention to the pot life during airless (airmix) spraying
Minimum application and drying temperature	+ 16 °C Not below the dew point
Equipment clean-up	Immediately after use with thinner V130

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