

HYDROPUR MERO 2595

Description

Product Description		Water-borne 2C polyurethane lacquer, resistant to yellowing, for wood in interiors. The surface has excellent scratch resistance and a very matte surface. HYDROPUR MERO 2595 lends the coated surfaces an untreated wood effect. Please refer to our VTM 5559 (VTM - Technical Process Data Sheet).
Raw Material Base / Binder Type / Active Agent		Polyurethane system
Application		For furniture, interiors, shop fittings etc.
Minergie Eco		compatible
Gloss Level		02
Hardener	Description	H39590 - MOTIVO 3959-99 HARDENER
	Product	H39590 - MOTIVO 3959-99 HÄRTER H45450 - PUR 4545-99 HÄRTER

Technical Data

Technical Data	Product		Hardener		Mixed Product	
Material Safety Data Sheet	259500		H39590			
Mixing Ratio	10		1		10 : 1	
Density (20°C)	0.999	g/cm ³	1.067	g/cm ³	1.005	g/cm ³
Solids Content	23	± 1 w/w-%	70	± 1 w/w-%	27	± 1 w/w-%
Organic Solvent Content	4	± 1 w/w-%		± 1 w/w-%	4	± 1 w/w-%
VOC Content (EU)	43	g/L	320	g/L	68	g/L
Shelf Life at 20 °C in Unopened Original Containers	max. 15	Months	max. 15	Months		
Theoretical Coverage	80-100 g/m ² → 10-12 m ² /kg.					

Safety Data

Refer to the following safety data sheets as well as the instructions on the label	
Product	259500 - HYDROPUR MERO 2595-02 2K WÄSSRIG
Hardener	H39590 - MOTIVO 3959-99 HÄRTER H45450 - PUR 4545-99 HÄRTER

Application advice

Untreated wood look

Product		Data Sheet	Applied Quantity / Layer Thickness
Pre-sanding:	With grain 150-180		
Primer:	HYDROPUR MERO 2595	2595	80-100g/m ²
Intermediate sanding:	With grain 280-320		
Recoating:	HYDROPUR MERO 2595	2595	80-100g/m ²

Accentuates the grain of untreated wood


Product		Data Sheet	Applied Quantity / Layer Thickness
Pre-sanding:	With grain 150-180		
Primer:	MOTIVO ENDURO 2590	2590	100-120 g/m ²
or	MOTIVO KLARLACK 2580	2580	100-120 g/m ²
Intermediate sanding:	With grain 240-320		
Recoating:	HYDROPUR MERO 2595	2595	80-100 g/m ²

Lightens untreated wood







Product		Data Sheet	Applied Quantity / Layer Thickness
Pre-sanding:	With grain 150-180		
Primer:	MOTIVO CHIARO 2583	2583	100-120 g/m ²
Intermediate sanding	With grain 240-320		
Recoating:	HYDROPUR MERO 2595	2595	80-100 g/m ²

For further application proposals please ask our representative.




Preparation

	Substrate	Every substrate must be well-cleaned, dry and free from grease and oil.
		Always apply lacquer to freshly sanded surfaces.


Processing

	Preventative Measures	We recommend wearing personal protective clothing, even in cases where no local regulations are in force.
	Stir	Stir product well before use.
	Mixing Requirements	10:1 (coating to hardener by weight) Use a stirrer to mix the hardener for approx. 2 mins. until it has a homogeneous consistency.
	Pot Life	3 hours. The end of the pot life is not indicated by gelling of the mixture. A varnish mixture that is older than 3 hours may not be used, even if the varnish is still fluid.
	Dilution	Ready for use
	Additional Remarks	With large pore or coarsely structured woods such as oak we recommend consulting an application technician.
	Information	Supplied viscosity: 53-59" DIN 4 mm at 20 °C

Application

		Viscosity	Dilution	Nozzle	Pressure	Spray Cycles
	Gravity Feed Gun	Supplied viscosity	0-5 %	1.8-2.0 mm	2-3 bar	1-2
	Suction Cup Gun	Supplied viscosity		1.8-2.0 mm	2-3 bar	1-2
	Airless-(Airmix) Spray Application	Supplied viscosity	0-5 %	0.23-0.28 mm	60-80 bar (material pressure). Atomising air pressure 1.0-1.5 bar	1-2

Drying Time

	Drying Time	At 23 °C and 65% rel. humidity			
		Dust dry after:	30		minutes
		Touch dry after:	2		hours
		Sandable after:	4		hours
		Fully dry after:	3		days

Important Remarks

Specific Restrictions	Always close container after use. Protect coating against frost. Wear a protective mask when working with coatings.
Storage Conditions	Store product tightly closed between +5 and +30° C.
Coating Removal	Sand or strip
Equipment Cleaning	Rinse immediately after use with water. Dried paint residue cannot be removed with water. To this purpose use REINIGER 5064-98 or ACETON 8000-98. Washing water disposal: Do not dispose of contaminated water in the drainage system. Mix this water with 0.5 % WENALAT 2051-00 COAGULATING AGENT and wait until the mixture has precipitated. Then properly dispose of the clear overlying water and the sediment in consultation with the competent authorities.

This data sheet is for your reference and information only. The above data are correct to the best of our knowledge. We offer no guarantees for use and exclude any liability. This applies in particular to consequential damage. We are not liable for any advice given by our employees. Our employees give non-binding information only. Site supervision, compliance with handling regulations, and adherence to recognized engineering rules are the responsibility of the manufacturer, even if our employee was on site during handling. Modifications due to technical developments may be made. The latest version of this information is applicable. In special cases, please request separate technical specifications.