

MOTIVO ENDURO 2090

Description

Product Description	Water-borne 1C clear coating for wood with excellent chemical resistance. Very good filling power, very good scratch resistance as well as good grain accentuation. The product can be used on all wood species and as a top coating for colour coated surfaces. The coating contains light protection agents that effectively delay yellowing of the wood.
Raw Material Base / Binder Type / Active Agent	Polyurethane / acrylic resin combination
Application	Interiors, furniture, kitchens or surfaces which are exposed to high chemical stress.
Certificates / Label	The lacquer film meets the requirement of: DIN standard 68861, 1B (chemical resistance)
Minergie Eco	compatible
Gloss Level	15,30

Technical Data

Technical Data	Product	
Material Safety Data Sheet	259000	
Density (20°C)	1.007	g/cm³
Solids Content	33	± 1 w/w-%
Organic Solvent Content	5	± 1 w/w-%
VOC Content (EU)	70	g/L
Shelf Life at 20 °C in Unopened Original Containers	max. 15 Months	
Theoretical Coverage	120 g/m² → 8 m²/kg	
The data apply for 25902000. Values can vary depending on color or gloss level.		

Safety Data

Refer to the following safety data sheets as well as the instructions on the label	
Product	259000 - MOTIVO ENDURO 2090-15


Application advice

Wood substrate







Product		Data Sheet	Applied Quantity / Layer Thickness
Stain:	Stain if required		
Primer:	MOTIVO ENDURO 2090	2590	120 g/m ²
Intermediate sanding:	With grain 220-280		
Recoating:	MOTIVO ENDURO 2090	2590	120 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.
	Untreated wood substrate	Always apply the product to freshly sanded surfaces. Wood sanding grain 180-220


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.
	Dilution	With water if necessary.
	Brush	Yes, in some cases, only small parts and strips
	Roller	No
	Trowel	No

Application

		Viscosity	Dilution	Nozzle	Pressure	Spray Cycles
	Gravity Feed Gun	55" DIN 4 mm	0-5 %	1.8-2.0 mm	2-3 bar	2
	Suction Cup Gun	55" DIN 4 mm	0-5 %	1.8-2 mm	2-3 bar	2
	Airless-(Airmix) Spray Application	55" DIN 4 mm	0-5 %	0.23-0.28 mm	60-80 bar (material pressure). Atomising air pressure 1.0-1.5 bar	2
	HVLP Spray Gun	55" DIN 4 mm	0-5 %	1.8-2.0 mm	2-3 bar	2

Drying Time

	Drying Time	At 23 °C and 65% rel. humidity			
		Dust dry after:	60		minutes
		Touch dry after:	45		minutes
		Sandable after:	2.5		hours
		Recoat after:	2.5		hours
		Fully dry after:	10		days
	Remarks	Resistant to chemicals after 14 days			

Important Remarks

Specific Restrictions	Depending on the type of wood, we recommend spot testing.
Storage Conditions	Store product tightly closed between +5 and +30 ° C.
Coating Removal	Strip
Equipment Cleaning	Immediately after use with water, dried up material with REINIGUNGSMITTEL S 8200-98

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