

OWOHNEDUR 0040-05

Water-soluble, grain-accentuating 2C primer and top coat for interior use

OWOHNEDUR 0040 is a water-soluble, grain-accentuating 2C primer and top coat for open-pore wood coating. The coating has a good resistance to household chemicals and can be used on bleached woods. Due to its high filling properties, it can also be used to produce "semi-closed-pore" surfaces; to this purpose the coverage per application must be adjusted accordingly. The product can also be processed on spraying lines with forced drying.



TECHNICAL DATA

Fields of application	Bathroom, Furniture, Kitchen, Kitchen furniture, Interior doors
Binder	Acrylate
Solids	Approx. 28% by weight
Volatile organic compound (VOC)	Approx. 63 g/l (DIRECTIVE 2010/75/EU) The VOC value provided is the average value for factory produced products, and consequently it will be subject to variations between individual products covered by this Technical Data Sheet.
Theoretical spreading rate	20-150 g/m ² ; 7.4 m ² /kg
Colours	Colourless.
Gloss (60°)	05
Hardener	Comp. B: OWEDUR 1058-99
Thinner	SPEZIALVERDÜNNER 1020-98
Density	Approx. 1.04 g/ml
Storage	Storage temperature is +5°C - +30°C. Store in a tightly closed container.

DIRECTION FOR USE

Surface preparation	Every substrate must be well-cleaned, dry and free from grease and oil.
Application method	Conventional spraying, HVLP spraying, Airless spraying, Air-assisted airless spraying Processing environment: 20-23°C, relative humidity: 35-65 %

APPLICATION ADVICE					
Wood substrate raw					
		Product	Applied Quantity		
Presanding		With grain 180-240			
Primer		OWOHNEDUR 0040	80-120 g/m ²		
Intermediate sanding		With grain 280-400			
Recoating		OWOHNEDUR 0040	80-120 g/m ²		
For further application proposals please ask our representative.					
APPLICATION					
	Viscosity DIN 4 mm	Dilution	Nozzle in mm	Pressure in bar	Spray Cycles
Gravity Feed Gun	25-30"	0-5% SPEZIAL- VERDÜNNER 1020-98 alternative 0-10% Water	1.4-1.8	2-3	1-2
Airless / Airmix Spray Application	25-30"	0-5% SPEZIAL- VERDÜNNER 1020-98 alternative 0-10% Water	0.23-0.28	Airless 130-180 Airmix 100-130	1-2

Application conditions	Recommended temperature for surroundings and product: +15°C–25°C. Do not apply below +10°C.
Drying time	+23°C / 50% RH (dry film 20 µm)
- overcoatable	after 8 hours
- fit for sanding	after 6-8 hours
Cleaning	Wash the equipment immediately after use. Water, REINIGER 5064-98 or ACETON 8000-98.

HEALTH AND SAFETY

Safety and precaution measures	See safety data sheet.
First aid	We recommend wearing personal protective clothing even in cases where no local regulations are in force. CH: The precautions according to local regulations (SUVA) with respect to hygiene and equipment must be observed.

ADDITIONAL INFORMATION

Waste management	Disposal of washing water: It is not permitted to dispose of washing water in the mains drainage system. Add 0.5% WENALAT 2051-00 KOAGULIERUNGSLÖSUNG to the washing water and wait for the precipitate to settle. The clear water above and the sediment can be disposed of correctly in accordance with the regulations of the responsible authorities.
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