

ALPOCRYL KLARLACK 5453-25

Solvent-based, grain-accentuating 2C primer and top coat for top-class interiors



ALPOCRYL KLARLACK 5453-25 is a fast-drying, solvent-based, grain-accentuating 2C primer and top coat for top-class interiors. The product can also be used on wood that has been bleached with peroxide. The product can also be processed on spraying lines with forced drying.



TECHNICAL DATA

Certificates, approvals and classification	EN 13501-1, EN 71-3
Fields of application	Bathroom, Furniture, Kitchen, Kitchen furniture, Interior doors
Binder	Acrylate
Solids	Approx. 29% by weight
Volatile organic compound (VOC)	Approx. 678 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	120 g/m ² ; 8.3 m ² /kg
Colours	Colourless.
Gloss (60°)	25
Hardener	Comp. B: UNIPUR 279 1910-99
Mixing ratio (A:B)	10:1 parts by volume
Pot life, +23 °C	8 h
Thinner	VERDÜNNER 1300-98, VERDÜNNER 0950-98.
Density	Approx. 0.96 g/ml
Storage	Storage temperature is +5 °C - +30 °C.

DIRECTION FOR USE

Surface preparation	Every substrate must be well-cleaned, dry and free from grease and oil. Coating removal: Sand, strip
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Application method

Conventional spraying, HVLP spraying, Airless spraying, Air-assisted airless spraying

On MDF boards with a density of below 700 kg/m³ the surface must be pre-isolated with ALPOLAN UNIVERSALGRUND 2420-00. Strengthen the edges or milled grooves with ALPOLAN UNIVERSALGRUND 2420-00. Moisture-resistant wood based materials must be used for rooms with a high moisture exposure (e.g. kitchens, bathrooms etc.). This product should not be used on horizontal surfaces in these areas.

Application

Stir or shake the product well for several minutes before use, if necessary by machine.

APPLICATION ADVICE					
Wood substrate raw					
	Product			Applied Quantity	
Presanding	With grain 150-180				
Stain	stain if required				
Primer	ALPOCRYL KLARLACK 5453			120-150 g/m ²	
Intermediate sanding	With grain 220-280				
Recoating	ALPOCRYL KLARLACK 5453			120-150 g/m ²	
MDF / HDF raw and veneered					
	Product			Applied Quantity	
Presanding	With grain 180-220				
Primer	ALPOCRYL KLARLACK 5453			120-150 g/m ²	
Intermediate sanding	With grain 220-280				
Recoating	ALPOCRYL KLARLACK 5453			120-150 g/m ²	
Intermediate sanding	With grain 220-280				
Recoating	ALPOCRYL KLARLACK 5453			120-150 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	16-18"	20 %	1.4-1.8	3-4	2
Airless- (Airmix) Spray Application	18-22"	10 %	0.15-0.23		2
HVLP	16-18"	20 %	1.4-1.8	3-4	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)
- dust free	after 10 minutes
- touch dry	after 20 minutes
- overcoatable	after 3 hours
- fit for sanding	after 3 hours
- through dry	after 10-14 days
	Before forced drying, allow a flash-off time of at least 15 minutes.
	At 80 °C fully dry after: 30 minutes
	At 100 °C fully dry after: 15 minutes

Cleaning Wash the equipment immediately after use. VERDÜNNER 1000-98 or UNIVERSALREINIGER U 8600-98.

HEALTH AND SAFETY

Safety and precaution measures See safety data sheet.

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