

ALPOCRYL KF 5372-30

Solvent-based 2C enamel coating for interior use

ALPOCRYL KF 5372-30 is a particularly fast-drying, solvent-based, scratch-resistant 2C enamel coating with excellent adhesion and high covering power. The coating is very weather-resistant and is also resistant to household chemicals and mechanical stress. The product can also be processed on spraying lines with forced drying.



TECHNICAL DATA

Certificates, approvals and classification	EN 71-3
Fields of application	Bathroom, Furniture, Kitchen, Kitchen furniture, Interior doors, Exterior doors
Binder	Acrylate
Solids	Approx. 38% by weight
Volatile organic compound (VOC)	Approx. 620 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	130 g/m ² ; 7.6 m ² /kg
Colours	Available in all RAL and NCS-S colours or at your request.
Tinting system	Largo
Gloss (60°)	30
Hardener	Comp. B: UNIPUR 279 1910-99
Mixing ratio (A:B)	4:1 parts by volume
Pot life, +23°C	10 h
Thinner	VERDÜNNER 0950-98, VERDÜNNER 1300-98.
Density	Approx. 1.12 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. Coating removal: Sand, strip
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Application method

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

For coatings on PVC and metals, please contact our application engineering team. When coating exterior doors, use suitable substrate materials and system structures. Lack of or insufficient weather protection cannot be compensated for by coatings.

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					
Chipboard and MDF/HDF					
	Product			Applied Quantity	
Presanding	With grain 180-220				
Primer	ALPOLAN UNIVERSALGRUND 2420			1-2x 120 g/m²	
or	ALPOLAN SPRITZSCHPACHTEL 1090			1-2x 150-200 g/m²	
Intermediate sanding	With grain 220-280				
Recoating	ALPOCRYL KF 5372			100-150 g/m²	
Foil-coated panels					
	Product			Applied Quantity	
Pre-treatment	Cleaning with SPEZIALBENZIN 0530-98				
and	subsequent foil sanding with grain 180-220				
Recoating	ALPOCRYL KF 5372			100-150 g/m²	
Steel					
	Product			Applied Quantity	
Primer	ALPOTECT PHOSPHATGRUND 5100			80-100 g/m²	
Recoating	ALPOCRYL KF 5372			100-150 g/m²	
For further applilcation proposals please ask our representative.					
APPLICATION					
	Viscosity DIN 4 mm	Dilution	Nozzle in mm	Pressure in bar	Spray Cycles
Gravity Feed Gun	18-22"	10-30 %	1.8 mm	2-3	1-2
Airless- (Airmix)	25-30"	10-20 %	0.23-0.28 mm	Material: 60-80	1-2
Spray Application				Atomising air pressure: 1.0-1.5	

Application conditions

Recommended temperature for surroundings and product: +15°C-25°C. Do not apply below +10°C.

Drying time	+23 °C / 65% RH
- dust free	after 20 minutes
- touch dry	after 2-3 hours
- overcoatable	after 2 hours
- fit for sanding	after 16 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. UNIVERSALREINIGER U 8600-98 or VERDÜNNER 1000-98.

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.

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