

# ALPOCRYL LH 5356-20

## Solvent-based 2C enamel coating for interior use

ALPOCRYL LH 5356-20 is a particularly fast-drying, solvent-based, satin-matt 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. ALPOCRYL LH 5356-20 can also be used for ship interiors. The product can also be processed on spraying lines with forced drying.



When used as a flame retardant coating for seagoing ships according to SOLAS (International Convention for the Safety of Life at Sea) 74/88 Reg. II-2/3, II-2/5 and II-2/6, latest version, IMO Resolution MSC.36(63)-(1994 HSC Code)7, IMO Resolution MSC.97(73)-(2000 HSC Code)7, this product can only be combined with other approved and technically suitable products. A risk assessment has been carried out according to Directive 2014/90/EU, Annex II, Section 3. The cured and dried coating poses neither a physical nor a health hazard, nor a hazard to the environment. When used in ship interiors, the maximum total product application quantity of 150 g/m<sup>2</sup> should never be exceeded.



## TECHNICAL DATA

<b>Certificates, approvals and classification</b>	IMO FTPC Part 5, Marine Equipment Approval (Module B), EN 71-3
<b>Fields of application</b>	Bathroom, Furniture, Kitchen, Kitchen furniture, Interior doors, Ship, Boat
<b>Recommended substrate</b>	Wood, Veneer, MDF, HDF, Aluminium, Steel
<b>Binder</b>	Acrylate
<b>Solids</b>	Approx. 35% by weight
<b>Volatile organic compound (VOC)</b>	Approx. 593 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.
<b>Theoretical spreading rate</b>	120 g/m <sup>2</sup> ; 8.3 m <sup>2</sup> /kg
<b>Colours</b>	Available in all RAL and NCS-S colours or at your request.
<b>Tinting system</b>	Largo
<b>Gloss (60°)</b>	20
<b>Hardener</b>	Comp. B: UNIPUR 279 1910-99
<b>Mixing ratio (A:B)</b>	10:1 parts by volume
<b>Pot life, +23 °C</b>	8 h
<b>Thinner</b>	VERDÜNNER 0950-98, VERDÜNNER 1300-98, VERDÜNNER 5500-98.
<b>Density</b>	Approx. 1.15 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

**Application method**

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

Note:

When applying a white or pastel-coloured coating to surfaces subject to considerable wear we recommend overcoating with 2C clear coatings to improve ring resistance (metal wear).

On MDF boards with a density of below 700 kg/m<sup>3</sup> 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					
Aluminum and galvanized substrates					
	Product			Applied Quantity	
Pre-treatment	Clean, then finely sand or pad rub (Scotch Britecoarse).				
or	clean again or use a chemical treatment (chromate)				
Primer	ALPOTECT PHOSPHATGRUND 5100			80-100 g/m²	
Recoating	ALPOCRYL LH 5356			100-150 g/m²	
Steel					
	Product			Applied Quantity	
Primer	ALPOTECT PHOSPHATGRUND 5100			80-100 g/m²	
Recoating	ALPOCRYL LE 5393			100-150 g/m²	
Chipboards and MDF/HDF-panels or wood veneered surfaces					
	Product			Applied Quantity	
(Pre-)priming (edges resp. cut-outs)	ALPOLAN UNIVERSALGRUND 2420			100-120 g/m²	
Primer	ISOFILL 1070 (Presanding with grain 220-240)			1-2x 150-200 g/m²	
or	ALPOLAN UNIVERSALGRUND 2420			100-120 g/m²	
Intermediate sanding	Grain 220-240				
Recoating	ALPOCRYL LH 5356			100-120 g/m²	
Foil-coated chipboard					
	Product			Applied Quantity	
Pre-treatment	clean, sand with grain 320				
Recoating	ALPOCRYL LH 5356			100-150 g/m²	
Glass					
	Product			Applied Quantity	
	Please take note of VTM 4118.				
Plastics (PVC-profiles)					
	Product			Applied Quantity	
	When requested / Please take note of technical instruction sheet VTM 2519.				
Old coatings (solvent-resistant)					
	Product			Applied Quantity	
Pre-treatment	Sand well, clean, prime bare spots				
Recoating	ALPOCRYL LH 5356			100-150 g/m²	
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	18-22"	20-30%	1.4-1.8	2-3	2
Airless / Airmix Spray Application	22-25 °	20-25%	0.15-0.23	Material: 60-80 Atomising air pressure 1.0-1.5	1-2

#### Application conditions

Recommended temperature for surroundings and product: +15°C-25°C. Do not apply below +10°C. Relative air humidity max. 80%. The weather resistance rating applies to countries with Central European climate and up to 1000 metres altitude (m.a.s.l.).

<b>Drying time</b>	+23 °C / 65% RH
- dust free	after 10 minutes
- touch dry	after 30 minutes
- overcoatable	after 2 hours
- fit for sanding	after 2 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
<b>Cleaning</b>	Wash the equipment immediately after use. VERDÜNNER 1000-98 or UNIVERSALREINIGER U 8600-98.

## HEALTH AND SAFETY

<b>Safety and precaution measures</b>	See safety data sheet.
<b>First aid</b>	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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