

# ALPOCRYL KLARLACK 5454-50

Solvent-based, grain-accentuating 2C top coat for interior and exterior use



ALPOCRYL KLARLACK 5454-50 is a fast-drying, solvent-based, grain-accentuating 2C transparent coating for interior and exterior use. The coating is very weather-resistant and can also withstand mechanical stress. ALPOCRYL KLARLACK 5454-50 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 120 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)
<b>Fields of application</b>	Ship, Boat
<b>Recommended substrate</b>	Metal, UPVC (unplasticized polyvinyl chloride), Veneer, Wood
<b>Binder</b>	Acrylate
<b>Solids</b>	Approx. 31% by weight
<b>Volatile organic compound (VOC)</b>	Approx. 662 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>	Colourless.
<b>Gloss (60°)</b>	50
<b>Hardener</b>	Comp. B: UNIPUR 279 1910-99
<b>Mixing ratio (A:B)</b>	4:1 parts by volume
<b>Pot life, +23 °C</b>	8 h
<b>Thinner</b>	VERDÜNNER 1300-98, VERDÜNNER 0950-98.
<b>Density</b>	Approx. 0.96 g/ml
<b>Storage</b>	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

### Application method

Conventional spraying

Aluminium and galvanised substrates: ALPOTECT PRIMER 5162-00

Steel: ALPOTECT PHOSPHATGRUND 5100-00

PVC profiles: Please refer to the instructions in the process data sheet

"Instructions for PVC profiles with ALPOCRYL DP 5520, HR 5360 and LE 5393" (VTM 2519).

### Application

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

APPLICATION ADVICE					
Hard-PVC					
	Product			Applied Quantity	
Primer	ALPOCRYL HR 5360			100-150 g/m²	
or	ALPOCRYL LE 5393			100-150 g/m²	
Recoating	ALPOCRYL KLARLACK 5454			100-120 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	16-20"	10 %	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 60 minutes

#### - overcoatable

after 12 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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