

ALPOCRYL KLARLACK 5454

Description

Product Description		Solvent-borne 2C clear lacquer für interior and exterior.
Raw Material Base / Binder Type / Active Agent		Polyurethane / acrylic resin combination
Application		The product can also be used for ship interior fittings. Air-drying clear lacquer for high-quality coating of hard-PVC, metal and coloured coating systems.
Certificates / Label		EC type-examination certificate (Module B); coatings for seagoing vessels in accordance with IMO Resolution MSC.307(88)-(FTP-Code 2010)
Gloss Level		15,50,60,90
Hardener	Description	UNIPUR 279 / 1910-99 HARDENER
	Product	H90100 - UNIPUR 279 / 1910-99 HÄRTER

Technical Data

Technical Data	Product		Hardener		Mixed Product	
Material Safety Data Sheet	148500		H90100			
Mixing Ratio	4		1		4 : 1	
Density (20°C)	0.962	g/cm ³	0.990	g/cm ³	0.968	g/cm ³
Solids Content	31	± 1 w/w-%	45	± 1 w/w-%	34	± 1 w/w-%
Organic Solvent Content	68	± 1 w/w-%	55	± 1 w/w-%	65	± 1 w/w-%
VOC Content (EU)	662	g/L	545	g/L	639	g/L
Shelf Life at 20°C in Unopened Original Containers	max. 30	Months	max. 15	Months		
Theoretical Coverage	120 g/m ² → 8 m ² /kg					
The data are applicable for: ALPOCRYL KLARLACK 5454-60. Values can vary depending on color or gloss level.						

Safety Data

Refer to the following safety data sheets as well as the instructions on the label	
Product	148500 - ALPOCRYL KLARLACK 5454-60
Hardener	H90100 - UNIPUR 279 / 1910-99 HÄRTER
Thinner	V09500 - VERDÜNNER 0950-98 V13000 - VERDÜNNER 1300-98


Application advice

Hard-PVC










Product		Data Sheet	Applied Quantity / Layer Thickness
Primer:	ALPOCRYL HR 5360	5360	100-150 g/m ²
or	ALPOCRYL LE 5393	5393	100-150 g/m ²
Recoating:	ALPOCRYL KLARLACK 5454	1483-1485	100-120 g/m ²

For further application proposals please ask our representative.


Preparation

	Substrate	Every substrate must be well-cleaned, dry and free from grease and oil.
	Hard-PVC	Clean with REINIGUNGSMITTEL 1530-98 or REINIGER 1540-98
	Other substrates:	Only on request


Processing

	Preventative Measures	We recommend wearing personal protective clothing, even in cases where no local regulations are in force.
	Stir	Stir product well before use.
	Mixing Requirements	4:1 by volume with hardener
	Pot Life	8 hours
	Dilution	Thin to application viscosity with VERDÜNNER 0950-98 (slow) or VERDÜNNER 1300-98 (fast)
	Thinner	V09500 - VERDÜNNER 0950-98 V13000 - VERDÜNNER 1300-98
	Brush	Not recommended
	Roller	Not recommended
	Additional Remarks	Recoating: Sand and spray with ALPOCRYL KLARLACK 1485 or 1483
	Information	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. For use for ship interior fittings, the maximum total application quantity of the product of 120g/m ² may not be exceeded.
	Evaporation	Prior to drying at temperatures over 40 °C, an evaporation time of 15 minutes must be observed.

Application

	Viscosity	Dilution	Nozzle	Pressure	Spray Cycles	
	Gravity Feed Gun	16-20" DIN 4 mm	10 %	1.4-1.8 mm	3-4 bar	2

Drying Time

	Drying Time	For 120 µm wet film at 23 °C and 65 % rel. air humidity		
		Dust dry after:	10	minutes
		Touch dry after:	60	minutes
		Sandable after:		
		Recoatable after:	12	hours
		Fully dry after:		
Remarks	Resistant to chemical agents after: 10 days			

Important Remarks

Specific Restrictions	Max. 80% relative humidity
Storage Conditions	Store product tightly closed between +5 and +30° C.
Coating Removal	Strip
Equipment Cleaning	Immediately after use with thinner or UNIVERSALREINIGER U 8600-98

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