

ALPOCRYL KLARLACK 1495

Description

Product Description		Clear 2C lacquer with high filling capacity. For high-gloss surfaces. Suitable for polishing.
Raw Material Base / Binder Type / Active Agent		Polyurethane / acrylic resin combination
Application		The product can also be used for ship interior fittings. High quality lacquer for furniture and interiors as well as kitchens and shop fittings. Can also be used as a top coat for boats for interior and exterior finishes (not suitable for use below the water line). Clear lacquer for use on utility vehicles.
Certificates / Label		The chemical resistance according to DIN 68861, 1B, is met. The varnish is hardly flammable to DIN 4102-1 class B1.EC type-examination certificate (Module B); coatings for seagoing vessels in accordance with IMO Resolution MSC.307(88)-(FTP-Code 2010)
Gloss Level		95
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	149500		H90100			
Mixing Ratio	2		1		2 : 1	
Density (20°C)	0.990	g/cm³	0.990	g/cm³	0.990	g/cm³
Solids Content	48	± 1 w/w-%	45	± 1 w/w-%	47	± 1 w/w-%
Organic Solvent Content	51	± 1 w/w-%	55	± 1 w/w-%	52	± 1 w/w-%
VOC Content (EU)	519	g/L	545	g/L	527	g/L
Shelf Life at 20 °C in Unopened Original Containers	max. 30	Months	max. 15	Months		
Theoretical Coverage	150 g/m² ca. 6 m²/kg					
The data are applicable for: ALPOCRYL KLARLACK 1495. 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	149500 - ALPOCRYL KLARLACK 1495-95
Hardener	H90100 - UNIPUR 279 / 1910-99 HÄRTER
Thinner	V09500 - VERDÜNNER 0950-98 V13000 - VERDÜNNER 1300-98

Application advice

Wood substrate

Product		Data Sheet	Applied Quantity / Layer Thickness
Stain:	Stain if required		
Primer:	SUPREMO FÜLLGRUND 3910	3910	1-2x 150-200 g/m ²
Intermediate sanding:	With grain 220-280		
Recoating:	ALPOCRYL KLARLACK 1495	5454/1495	1-2x 150-200 g/m ²

MDF plain

Product		Data Sheet	Applied Quantity / Layer Thickness
Primer:	ALPOLAN UNIVERSALGRUND 2420-00	5408	100-120 g/m ²
Intermediate sanding:	With grain 220-280		
Coating: Intermediate sanding:	ALPOLAN SPRITZSCHPACHTEL 1090 Sand grain 220 - 280	1090	1-2x 150-200 g/m ²
Recoating:	ALPOCRYL LE 5393	5393	100-120 g/m ²
Recoating:	ALPOCRYL KLARLACK 1495	5454/1495	1-2x 150-200 g/m ² 150-200 g/m ²

Film-coated MDF


Product		Data Sheet	Applied Quantity / Layer Thickness
Primer:	ALPOCRYL LE 5393	5393	100-150 g/m ²
Recoating:	ALPOCRYL KLARLACK 1495	5454/1495	1-2x 150-200 g/m ²

Smooth Finish, Steel, Aluminum









Product		Data Sheet	Applied Quantity / Layer Thickness
Primer:	ALPOTECT PHOSPHATGRUND 5100-00	FC5100	100-120 g/m ²
Recoating:	ALPOCRYL LE 5393	5393	100-150 g/m ²
Recoating:	ALPOCRYL KLARLACK 1495	5454/1495	1-2x 150-200 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.
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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	2:1 (lacquer to hardener, by weight or volume)
	Pot Life	3-4 hours
	Dilution	Thin to application viscosity with VERDÜNNER 0950-98 (medium) or VERDÜNNER 1300-98 (fast).
	Thinner	V09500 - VERDÜNNER 0950-98 V13000 - VERDÜNNER 1300-98
	Brush	No
	Roller	No
	Trowel	No
	Information	<p>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.</p> <p>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 200g/m² may not be exceeded.</p>

Application

		Viscosity	Dilution	Nozzle	Pressure	Spray Cycles
	Gravity Feed Gun	16-20" DIN 4 mm	10-15%	1.4-1.8 mm	1.0-2.0 bar	1-2
	Suction Cup Gun	16-20" DIN-4	10-15%	1.4-1.8 mm	1-2 bar	1-2
	Airless-(Airmix) Spray Application	16-20" DIN 4 mm	10-15 %	0.15-0.23 mm		1-2
	HVLP Spray Gun	16-20" DIN-4	10-15%	1.4-1.8 mm	3-4 bar	1-2

Drying Time

	Drying Time	For 60 µm dry film at 65% rel. humidity			
		Dust dry after:	20		minutes
		Touch dry after:	6		hours
		Sandable after:	16		hours
		Recoat after:	16		hours
		Fully dry after:	10		days
	Remarks	Recoat with itself after 3 hours without intermediate sanding Can be polished after: 1-3 days			

Important Remarks

Storage Conditions	Store product tightly closed between +5 and +30 ° C.
Coating Removal	Strip
Equipment Cleaning	Immediately after use with VERDÜNNER 1300-98

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