

ALPOCRYL KLARLACK 1495-95

Solvent-based 2C high-gloss coating for interior use

ALPOCRYL KLARLACK 1495 is a solvent-based 2C high-gloss paint for top-class interiors. The coating is resistant to household chemicals and mechanical stress. ALPOCRYL KLARLACK 1495 can also be used for ship interiors. The products have an appealing surface with a good mechanical strength.



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 210 g/m² should never be exceeded.



TECHNICAL DATA

Certificates, approvals and classification	IMO FTPC Part 2, IMO FTPC Part 5, Marine Equipment Approval (Module B)
Fields of application	Bathroom, Furniture, Kitchen, Kitchen furniture, Interior doors
Recommended substrate	Wood, Aluminium, Steel
Binder	Acrylate
Solids	Approx. 49% by weight
Volatile organic compound (VOC)	Approx. 503 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	150 g/m ² ; 6.6 m ² /kg
Colours	Colourless.
Gloss (60°)	95
Hardener	Comp. B: UNIPUR 279 1910-99
Mixing ratio (A:B)	2:1 parts by volume
Pot life, +23 °C	3-4 h
Thinner	VERDÜNNER 0950-98, VERDÜNNER 1300-98.
Density	Approx. 0.99 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

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.

Always filter the high-gloss coating through a 50 µm sieve before filling the spray gun.

We recommend using a spray gun with a nozzle size of up to 1.4 mm.

A uniform surface can be achieved by applying in cross layers.

The gloss level of the surface is affected by the techniques used: Layer thickness, spraying technique and drying conditions.

We recommend carrying out a spray test with the product before starting work.

Important information:

The recommendations in the data sheets "7 days – 7 steps" (VTM 4275) and "10 tips for high-gloss coating" (VTM 4120) must always be observed.

Application

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

APPLICATION ADVICE					
Wood substrate raw					
	Product			Applied Quantity	
Stain	stain if required				
Primer	SUPREMO FÜLLGRUND 3910			1-2x 150-200 g/m ²	
Intermediate sanding	With grain 220-280				
Recoating	ALPOCRYL KLARLACK 1495			1-2x 150-200 g/m ²	
MDF/HDF plain					
	Product			Applied Quantity	
Primer	ALPOLAN UNIVERSALGRUND 2420			100-120 g/m ²	
or	ALPOLAN SPRITZSCHPACHTEL 1090			1-2x 150-200 g/m ²	
Intermediate sanding	With grain 220-280				
Recoating	ALPOCRYL LE 5393			100-120 g/m ²	
Recoating	ALPOCRYL KLARLACK 1495			1-2x 150-200 g/m ²	
Film-coated MDF					
	Product			Applied Quantity	
Primer	ALPOCRYL LE 5393			100-150 g/m ²	
Recoating	ALPOCRYL KLARLACK 1495			1-2x 150-200 g/m ²	
Smooth Finish, Steel, Aluminum					
	Product			Applied Quantity	
Primer	ALPOTECT PHOSPHATGRUND 5100			100-120 g/m ²	
Recoating	ALPOCRYL LE 5393			100-150 g/m ²	
Recoating	ALPOCRYL KLARLACK 1495			1-2x 150-200 g/m ²	
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	16-20"	10-15 %	1.4-1.8	1-2	1-2
Suction Cup Gun	16-20"	10-15 %	1.4-1.8	1-2	1-2
Airless-(Airmix) Spray Application	16-20"	10-15 %	0.15-0.23		1-2

Application conditions

Recommended temperature for surroundings and product: +15°C-25°C. Do not apply below +10°C. Ideal relative humidity 50-60%.

Drying time	+23°C / 65% RH
- dust free	after 20 minutes
- touch dry	after 6 hours
- overcoatable	after 16 hours
- fit for sanding	after 16 hours
- through dry	after 10-14 days
	Reworkable with itself without intermediate sanding after 3 hours Can be polished after: 2-3 days

Cleaning

Wash the equipment immediately after use.

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.

Teknos Group Oy Takkatie 3, P.O.Box 107 FI-00371 Helsinki, Finland Tel. +358 9 506 091

The above information is normative and based on laboratory tests and practical experiences. The information is noncommittal, and we cannot accept liability for the results obtained under working conditions beyond our control, and consequently the buyer or the user is not released from the obligation to test the suitability of our products for specific means and application methods under the actual application conditions. Our liability covers only damage caused directly by defects in the products supplied by Teknos. This product is intended for professional use only. This implies that the user possesses sufficient knowledge for using the product correctly with regard to technical and working safety aspects. The latest versions of Teknos' Technical Data Sheets and Safety Data Sheets are available from our homepage www.teknos.com. All trademarks displayed on this document are the exclusive property of Teknos Group or its affiliated companies.