

ALPOLAN MARINE VARNISH 2420-80

Solvent-based 2C primer and top coat for interior use

ALPOLAN MARINE VARNISH 2420 is a solvent-based, moisture-retardant 2C primer and top coat with light stabilisers and excellent filling properties. The product is suitable for isolating wood that is rich in active substances. ALPOLAN MARINE VARNISH 2420 can also be used as a top coat. Cannot be used on wood that has been bleached with peroxide.



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 250 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	Furniture, Kitchen, Kitchen furniture, Ship
Solids	Approx. 45% by weight
Volatile organic compound (VOC)	Approx. 545 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	120 g/m ² ; 8.3 m ² /kg
Colours	Colourless.
Gloss (60°)	80
Hardener	Comp. B: ALPOLAN UNIVERSALGRUND 2430-99
Mixing ratio (A:B)	2:1 parts by volume
Pot life, +23 °C	9 h
Thinner	VERDÜNNER 1300-98, VERDÜNNER 0950-98, VERDÜNNER 5600-98.
Density	Approx. 0.97 g/ml
Storage	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

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

APPLICATION ADVICE					
Wood substrate open-pored					
	Product			Applied Quantity	
Stain	stain if required				
Primer	ALPOLAN UNIVERSALGRUND 2420			120 g/m²	
Intermediate sanding	With grain 280-400				
Recoating	2C topcoat - Gloss level of your choice			120 g/m²	
As insulating primer for coloured MDF/HDF					
	Product			Applied Quantity	
Presanding	With grain 180-220				
Primer	ALPOLAN UNIVERSALGRUND 2420			120 g/m²	
Intermediate Sanding	With grain 220-280				
Primer	ALPOLAN UNIVERSALGRUND 2420			120 g/m²	
Intermediate sanding	With grain 220-280				
Recoating	2C filler and/or 2C topcoat - Gloss level of your choice			120 g/m²	
For further application proposals please ask our representative.					
APPLICATION					
	Viscosité DIN 4 mm	Dilution	Nozzle in mm	Pressure in bar	Spray Cycles
Gravity Feed Gun	15"	0-10 %	1.4-1.8	2-3	1-2
Airless / Airmix Spray Application	15"	0-10 %	0.15-0.23	Material 60-80	1-2
				Zerstäuber 1.0-1.5	

Application conditions

Recommended temperature for surroundings and product: +15°C-25°C. Do not apply below +10°C.

Drying time

+23°C / 65% RH

- dust free

after 20 minutes

- touch dry

after 2 hours

- overcoatable

after 16 hours

- through dry

after 24 hours

Cleaning

Wash the equipment immediately after use.

HEALTH AND SAFETY

Safety and precaution measures

See safety data sheet.

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