

# ALPOLAN MARINE VARNISH 2420-80

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



ALPOLAN MARINE VARNISH 2420-80 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 2420-80 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.

ALPOLAN MARINE VARNISH 2420-80, can be applied by Gravity Feed Gun as well as by Airmix or Airless spraying systems either by hand or in automated spraying facilities. Thanks to its flame-retardant properties according to DIN EN 13501-1 and the resulting certification according to IMO MSC.307(88)-(FTP-Code 2010) as well as the EC type examination certificate (module B), ALPOLAN MARINE VARNISH 2420-80 can also be used for high-quality wooden surfaces in the exterior and interior of ships. For exterior use ALPOLAN MARINE VARNISH 2420-80 can be used only in combination with ALPOCRYL KLARLACK 1495-95 or ALPOCRYL KLARLACK 5454.

ALPOLAN MARINE VARNISH 2420-80 is a highly versatile, robust and easy to use (hard)wood primer and top coat. ALPOLAN MARINE VARNISH 2420-80, reduces surface discoloration caused by tannins in hardwood.

When used in ship interiors, the maximum total product application quantity of 250 g/m<sup>2</sup> should never be exceeded.



## TECHNICAL DATA

<b>Certificates, approvals and classification</b>	IMO FTPC Part 2, IMO FTPC Part 5, Marine Equipment Approval (Module B)
<b>Fields of application</b>	Furniture, Kitchen, Kitchen furniture, Ship
<b>Solids</b>	Approx. 45% by weight
<b>Volatile organic compound (VOC)</b>	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.
<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>	80

<b>Hardener</b>	Comp. B: ALPOLAN UNIVERSALGRUND 2430-99
<b>Mixing ratio (A:B)</b>	2:1 parts by volume
<b>Pot life, +23 °C</b>	9 h
<b>Thinner</b>	VERDÜNNER 1300-98, VERDÜNNER 0950-98, VERDÜNNER 5600-98.
<b>Density</b>	Approx. 0.97 g/ml
<b>Storage</b>	Storage temperature is +5 °C - +30 °C.

## DIRECTION FOR USE

<b>Surface preparation</b>	Every substrate must be well-cleaned, dry and free from grease and oil. Coating removal: Sand, strip
<b>Application</b>	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					
	Viscositet 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 Atomising air pressure 1.0-1.5	1-2

<b>Application conditions</b>	Recommended temperature for surroundings and product: +15 °C-25 °C. Do not apply below +10 °C.
<b>Drying time</b>	+23 °C / 65% RH
- dust free	after 20 minutes
- touch dry	after 2 hours
- overcoatable	after 16 hours
- through dry	after 24 hours
<b>Cleaning</b>	Wash the equipment immediately after use.

## HEALTH AND SAFETY

### Safety and precaution measures

See safety data sheet.

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