

# ALPOLAN MARINE VARNISH 2420-80

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

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

**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/m <sup>2</sup>		
Intermediate sanding	With grain 280-400				
Recoating	2C topcoat - Gloss level of your choice		120 g/m <sup>2</sup>		
As insulating primer for coloured MDF/HDF					
	Product		Applied Quantity		
Presanding	With grain 180-220				
Primer	ALPOLAN UNIVERSALGRUND 2420		120 g/m <sup>2</sup>		
Intermediate Sanding	With grain 220-280				
Primer	ALPOLAN UNIVERSALGRUND 2420		120 g/m <sup>2</sup>		
Intermediate sanding	With grain 220-280				
Recoating	2C filler and/or 2C topcoat - Gloss level of your choice		120 g/m <sup>2</sup>		
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

**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.

**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](http://www.teknos.com). All trademarks displayed on this document are the exclusive property of Teknos Group or its affiliated companies.