

# ALPOLAN UNIVERSALGRUND 2420-00

## Solvent-based, moisture-retardant 2C primer for interior use



ALPOLAN UNIVERSALGRUND 2420 is a solvent-based, moisture-retardant 2C primer with excellent filling properties. The product is suitable for isolating wood that is rich in active substances. ALPOLAN UNIVERSAL GRUND 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/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>	Bathroom, Furniture, Kitchen, Kitchen furniture
<b>Recommended substrate</b>	Wood, Veneer, MDF, HDF
<b>Binder</b>	Polyester
<b>Solids</b>	Approx. 43% by weight
<b>Volatile organic compound (VOC)</b>	Approx. 549 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>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 0950-98, VERDÜNNER 1300-98, VERDÜNNER 5500-98, VERDÜNNER 5600-98.
<b>Density</b>	Approx. 0.97 g/ml
<b>Storage</b>	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 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					
	Viscosity 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.

### 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.

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