

## ALPOLAN UNIVERSALGRUND 2420-00

### Description

Product Description		Clear 2C primer. Suitable for insulating wood that is rich in active substances as well as for strengthening wood based materials such as MDF boards. Can also be used as a moisture-controlling primer. Also as a glossy top coat in clear coatings on natural wood. Cannot be used on wood that has been bleached with peroxide.
Raw Material Base / Binder Type / Active Agent		Polyurethane resin
Application		Furniture construction, interiors, shop fittings, kitchens, boatbuilding
Certificates / Label		EC type-examination certificate (Module B); coatings for seagoing vessels in accordance with IMO Resolution MSC.307(88)-(FTP-Code 2010)
Hardener	Description	ALPOLAN UNIVERSALGRUND 2430-99 HARDENER
	Product	H24300 - ALPOLAN UNIVERSALGRUND 2430-99 HÄRTER

### Technical Data

Technical Data	Product		Hardener		Mixed Product	
Material Safety Data Sheet	242000		H24300			
Mixing Ratio	2		1		2 : 1	
Density (20°C)	0.968	g/cm <sup>3</sup>	1.058	g/cm <sup>3</sup>	0.998	g/cm <sup>3</sup>
Solids Content	44	± 1 w/w-%	45	± 1 w/w-%	44	± 1 w/w-%
Organic Solvent Content	57	± 1 w/w-%	54	± 1 w/w-%	56	± 1 w/w-%
VOC Content (EU)	545	g/L	582	g/L	557	g/L
Shelf Life at 20°C in Unopened Original Containers	max. 30	Months	max. 15	Months		
Theoretical Coverage	120 g/m <sup>2</sup> → 8 m <sup>2</sup> /kg					
The data apply for: ALPOLAN UNIVERSALGRUND 242. Values can vary depending on color or gloss level.						

### Safety Data

Refer to the following safety data sheets as well as the instructions on the label	
Product	242000 - ALPOLAN UNIVERSALGRUND 2420-00
Hardener	H24300 - ALPOLAN UNIVERSALGRUND 2430-99 HÄRTER
Thinner	V09500 - VERDÜNNER 0950-98 V13000 - VERDÜNNER 1300-98 V55000 - VERDÜNNER 5500-98 LANGSAM V56000 - VERDÜNNER 5600-98

## Application advice

### Holzuntergrund offenporig:


Product		Data Sheet	Applied Quantity / Layer Thickness
Stain:	Stain if required		
Primer:	ALPOLAN UNIVERSALGRUND 242	5408	120 g/m <sup>2</sup>
Intermediate sanding:	With grain 280-400		
Recoating:	2C-top coat, gloss level as required	misc.	120 g/m <sup>2</sup>

### als Isoliergrund für farbige MDF Platten









Product		Data Sheet	Applied Quantity / Layer Thickness
Primer:	ALPOLAN UNIVERSALGRUND 2420-00	5408	120 g/m <sup>2</sup>
Intermediate sanding:	With grain 220-280		
Primer:	ALPOLAN UNIVERSALGRUND 242	5408	120 g/m <sup>2</sup>
Intermediate sanding:	With grain 220-280		
Recoating:	2C filler or 2C top coat, gloss level as required	misc.	120 g/m <sup>2</sup>

For further application proposals please ask our representative.



## Preparation

	Substrate	Every substrate must be well-cleaned, dry and free from grease and oil.
	Wood substrate	Sanding with grain 180-220
	MDF / HDF rough	Sanding with grain 180-220


## Processing

	Preventative Measures	We recommend wearing personal protective clothing, even in cases where no local regulations are in force.
	Stir	Stir product well before use.
	Mixing Requirements	2:1 (lacquer to hardener, by weight or volume)
	Pot Life	Approx. 9 hours
	Thinner	V09500 - VERDÜNNER 0950-98 V13000 - VERDÜNNER 1300-98 V55000 - VERDÜNNER 5500-98 LANGSAM V56000 - VERDÜNNER 5600-98
	Brush	5-10 % dilute (VERDÜNNER V56000)
	Roller	5-10 % dilute (VERDÜNNER V56000)
	Trowel	undiluted
	Information	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. <b>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.</b> For use for ship interior fittings, the maximum total order quantity of the product of 250g/m <sup>2</sup> may not be exceeded.

## Application

		Viscosity	Dilution	Nozzle	Pressure	Spray Cycles
	Gravity Feed Gun	15" DIN 4 mm	0-10 %	1.4-1.8 mm	2-3 bar	1-2
	Airless-(Airmix) Spray Application	15" DIN 4 mm	0-10 %	0.15-0.23 mm	60-80 bar (material pressure).Atomising air pressure 1.0-1.5 bar	1-2

## Drying Time

	Drying Time	For 50 µm dry film at 23 °C and 65% rel. humidity		
		Dust dry after:	20	minutes
		Touch dry after:	2	hours
		Recoat after:	16	hours
		Fully dry after:	14	days
	Remarks	Can be reapplied after 20 min. until max. 1 hour.		

## Important Remarks

Specific Restrictions	<b>Do not apply to pigmented coatings. Changes in colour possible.</b>
Storage Conditions	Store product tightly closed between +5 and +30 ° C.
Coating Removal	Sand or strip
Equipment Cleaning	Immediately after use with VERDÜNNER 1300-98

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