

RAPIFILL 1080-00

Description

Product Description		2C polyurethane filler for spraying. The product has a very high filling power, very good levelling properties, good adhesion to vertical surfaces and is very fast-drying.
Raw Material Base / Binder Type / Active Agent		2C-polyurethane resin
Application		The product can also be used for ship interior fittings. For priming MDF, HDF or wood-based boards covered with priming film.
Certificates / Label		EC type-examination certificate (Module B); coatings for seagoing vessels in accordance with IMO Resolution MSC.307(88)-(FTP-Code 2010)
Colors		Weiss, ca. RAL 9005
Hardener	Description	UNIPUR 279 / 1910-99 HARDENER
	Product	H90100 - UNIPUR 279 / 1910-99 HÄRTER

Technical Data

Technical Data	Product		Hardener		Mixed Product	
Material Safety Data Sheet	108000		H90100			
Mixing Ratio	10		1		10 : 1	
Density (20°C)	1.433	g/cm ³	0.990	g/cm ³	1.393	g/cm ³
Solids Content	65	± 1 w/w-%	45	± 1 w/w-%	63	± 1 w/w-%
Organic Solvent Content	36	± 1 w/w-%	55	± 1 w/w-%	38	± 1 w/w-%
VOC Content (EU)	507	g/L	545	g/L	510	g/L
Shelf Life at 20°C in Unopened Original Containers	max. 30	Months	max. 15	Months		
Theoretical Coverage	180 g/m ² → 5-6 m ² /kg					

Safety Data

Refer to the following safety data sheets as well as the instructions on the label	
Product	108000 - RAPIFILL 1080-00
Hardener	H90100 - UNIPUR 279 / 1910-99 HÄRTER
Thinner	V09500 - VERDÜNNER 0950-98 V13000 - VERDÜNNER 1300-98

Application advice

MDF priming foil


Product		Data Sheet	Applied Quantity / Layer Thickness
Pre-sanding:	With grain 180, edges with grain 150-180		
Primer:	RAPIFILL 1080	1080	1-2x 150-200 g/m ²
Intermediate sanding:	With grain 240-280		
Recoating:	ALPOCRYL LE 5393	5393	150-200 g/m ²

Untreated MDF and MDF edges







Product		Data Sheet	Applied Quantity / Layer Thickness
Sealing:	ALPOLAN UNIVERSALGRUND 2420-00	5408	120 g/m ²
Intermediate sanding:	With grain 240-280		
Primer:	RAPIFILL 1080-00	1080	1-2x 150-200 g/m ²
Intermediate sanding:	With grain 240-280		
Recoating:	ALPOCRYL LE 5393	5393	150-200 g/m ²

For further application proposals please ask our representative.



Preparation

	Substrate	Every substrate must be well-cleaned, dry and free from grease and oil.
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Processing

	Preventative Measures	We recommend wearing protective clothing even in cases where no local regulations are in force. CH : The precautions according to local regulations with respect to hygiene and equipment must be observed.
	Stir	Stir product well before use.
	Mixing Requirements	10:1 (hardener to filler, by weight) Volumetric: 100 ml hardener to 700 ml filler
	Pot Life	2 hours
	Dilution	VERDÜNNER 1300-98 NORMAL or VERDÜNNER 0950-98 SLOW
	Thinner	V09500 - VERDÜNNER 0950-98 V13000 - VERDÜNNER 1300-98
	Additional Remarks	On MDF boards with a density of below 700 kg/m ³ the surface must be pre-isolated or pre-treated with UNIVERSALGRUND 242.
	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. 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. For use for ship interior fittings, the maximum total application quantity of the product of 200g/m ² may not be exceeded.

Application

		Viscosity	Dilution	Nozzle	Pressure	Spray Cycles
	Gravity Feed Gun	25-30" DIN 4 mm	5-15 %	1.8-2.0 mm	2-3 bar	1-2
	Airless-(Airmix) Spray Application	50-70" DIN 4 mm	0-5 %	0.28-0.33 mm		1-2

Drying Time

	Drying Time	For 80 µm dry film at 20 °C and 65% relative humidity			
		Dust dry after:	10		minutes
		Touch dry after:	30		minutes
		Sandable after:	2-3		hours
		Recoat after:	2-3		hours
		Fully dry after:	2		days

Important Remarks

Storage Conditions	Store product tightly closed between +5 and +30° C.
Coating Removal	Sand or strip
Equipment Cleaning	Immediately after use with thinner or UNIVERSALREINIGER U 8600-98

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