

RAPIFILL 1080-00

Solvent-based 2C filler for interior use

RAPIFILL 1080-00 is a very fast-drying, solvent-based 2C filler with excellent filling properties and very good levelling properties. As it is particularly viscous, the product is especially suitable for applications on vertical surfaces.



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 200 g/m² should never be exceeded.



TECHNICAL DATA

Certificates, approvals and classification	IMO FTPC Part 5, Marine Equipment Approval (Module B)
Fields of application	Furniture
Recommended substrate	MDF, HDF
Binder	Acrylate
Solids	Approx. 64% by weight
Volatile organic compound (VOC)	Approx. 501 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.
Theoretical spreading rate	180 g/m ² ; 5.5 m ² /kg
Colours	White.
Hardener	Comp. B: UNIPUR 279 1910-99
Mixing ratio (A:B)	10:1 parts by weight
Pot life, +23 °C	3 h
Thinner	VERDÜNNER 1300-98, VERDÜNNER 0950-98.
Density	Approx. 1.43 g/ml
Storage	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

Application method

Conventional spraying, Airless spraying, Air-assisted airless spraying
On MDF boards with a density of below 700 kg/m³ the surface must be pre-isolated with ALPOLAN UNIVERSALGRUND 2420-00.

Application

Stir or shake the product well for several minutes before use, if necessary by machine.

APPLICATION ADVICE					
Foil-coated chipboard					
	Product			Applied Quantity	
Presanding	With grain 180 Edges with grain 150-180				
Primer	RAPIFILL 1080			1-2x 150-200 g/m²	
Intermediate sanding	With grain 240-280				
Recoating	ALPOCRYL LE 5393			150-200 g/m²	
MDF raw and MDF edges					
	Product			Applied Quantity	
Barrier	ALPOLAN UNIVERSALGRUND 2420			120 g/m²	
Intermediate sanding	With grain 240-280				
Primer	RAPIFILL 1080			1-2x 150-200 g/m²	
Intermediate sanding	With grain 240-280				
Recoating	ALPOCRYL LE 5393			150-200 g/m²	
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	25-30"	5-15 %	1.8-2.0	2-3	1-2
Airless / Airmix Spray Application	50-60"	0-5 %	0.28-0.33		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 10 minutes

- touch dry

after 30 minutes

- overcoatable

after 2-3 hours

- fit for sanding

after 2-3 hours

Cleaning

Wash the equipment immediately after use. VERDÜNNER 1300-98 or UNIVERSALREINIGER U 8600-98.

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.

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. All trademarks displayed on this document are the exclusive property of Teknos Group or its affiliated companies.