

ISOFILL 1070-00

Solvent-based 2C isolating filler for interior use

ISOFILL 1070-00 is a solvent-based, 2C isolating filler with excellent filling properties. The coating is ideal for wetrooms due to its isolating effect. 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, Kitchen, Kitchen furniture, Interior doors, Ship, Boat
Recommended substrate	MDF, HDF
Solids	Approx. 56% by weight
Volatile organic compound (VOC)	Approx. 554 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.
Tinting system	Largo
Hardener	Comp. B: UNIPUR 279 1910-99
Mixing ratio (A:B)	10:1 parts by weight
Pot life, +23 °C	2 h
Thinner	VERDÜNNER 1300-98, VERDÜNNER 0950-98, VERDÜNNER 5500-98.
Density	Approx. 1.32 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

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	ISOFILL 1070-00			1-2x 150-200 g/m²	
Intermediate sanding	With grain 240-280				
Recoating	ALPOCRYL LE 5393			100-120 g/m²	
MDF/HDF raw					
	Product			Applied Quantity	
Primer	ISOFILL 1070			150-200 g/m²	
Intermediate sanding	With grain 240-280				
Primer	ISOFILL 1070-00			150-200 g/m²	
Intermediate sanding	With grain 240-280				
Recoating	ALPOCRYL LE 5393			150-200 g/m²	
Aluminium, steel and stainless steel					
	Product			Applied Quantity	
Presanding	With grain 240				
Cleaning	REINIGUNGSMITTEL 1530-98 or REINIGUNGSMITTEL 8000-98				
Primer	ISOFILL 1070			150-200 g/m²	
Intermediate sanding	With grain 240-280				
Recoating	ALPOCRYL LE 5393			100-120 g/m²	
Glass and ceramic tiles					
	Product			Applied Quantity	
Cleaning	ISOPROPYLALKOHOL 0019-98				
Primer	ISOFILL 1070			150-200 g/m²	
Recoating	ALPOCRYL LE 5393			100-120 g/m²	
Plastics (PVC-profiles)					
	Product			Applied Quantity	
Cleaning	REINIGUNGSMITTEL 1530-98				
Primer	ISOFILL 1070			150-200 g/m²	
Recoating	ALPORYL LE 5393			100-120 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	50-60"	0-10 %	2.0-2.5	2-3 bar	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 60 minutes
- overcoatable	after 4 hours
- fit for sanding	after 4 hours
Cleaning	Wash the equipment immediately after use. VERDÜNNER 0950-98, VERDÜNNER 1300-98, VERDÜNNER 5500-98.

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.

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