

ALSAN 075

TECHNICAL DATA SHEET APTDS-E-79-01

DESCRIPTION

ALSAN 075 is a PMMA based, highly flexible, fibre-filled waterproofing product for sealing minor penetrations, e.g. screws. It allows these penetrations to be waterproofed and incorporated safely into the main waterproofing system.

MATERIAL

2-component, fast-curing, highly flexible, thixotropic and fibre-filled PMMA based (polymethyl methacrylate) waterproofing resin.

PROPERTIES

- Reliable incorporation of small, geometrically complex shapes in the seamless ALSAN waterproofing system
- Highly flexible, even at extreme sub-zero temperatures
- Permanently weather-resistant (UV, hydrolysis and alkali resistant)
- Fully bonded to the substrate, therefore no water infiltration
- Easy and fast application
- Fast-curing
- Can be applied at sub zero temperatures
- Suitable for most substrates, including variable substrates (when combined with ALSAN Primers)
- Solvent-free

APPLICATION

ALSAN 075 is used for the waterproofing of small, geometrically complex details with limited crack movement, e.g. screw heads or material interfaces where there is little movement. Its use is restricted to the waterproofing of details that can't be sealed, using fleece-reinforced ALSAN PMMA waterproofing resins, on account of the geometric shape of those details. With ALSAN 075 these details can be securely incorporated in the fleece-reinforced waterproofing system.

PACKAGING

Can of 5 or 10 kg.

ALSAN 075 is supplied without ALSAN 070 catalyst.

COLOURS

ALSAN 075 is pebble grey (RAL 7032).

STORAGE

Store in original sealed packaging in a cool, dry and frost-free place. Avoid warm storage areas (> 30 °C) even for brief periods, for example on site. Consequently the products must not be exposed to direct sunlight or kept in a vehicle. Unopened products have a shelf life of at least 12 months. After opening, reseal the packaging so it is completely airtight.

PRODUCT APPLICATION

Temperatures

The product can be applied within the following temperature ranges:

Product	Temperature range in °C		
	Air	Substrate*	Resins
ALSAN 075	-5 to +35	+3 to +50*	+3 to +30

*The substrate temperature must be at least 3 °C above the dew point during application and curing.

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Moisture

The relative humidity must be $\leq 90\%$.

The surface to be coated must be dry.

The surface must be protected from moisture until the coating has hardened.

Substrates, e.g. young concrete, containing residual moisture can be coated provided it has set sufficiently and the substrate is properly prepared.

Please refer to the appropriate application guide for information about correct surface preparation.

REACTION TIMES & REQUIRED AMOUNTS OF CATALYST

	ALSAN 075 (at 20 °C, 3% catalyst)
Pot life	approx. 15 min.
Rain proof after	approx. 30 min.
Can be walked on / over coated after	approx. 45 min.
Curing time	approx. 2 h.

Higher temperatures or greater proportions of catalyst will reduce reaction times, while lower temperatures and smaller proportions of catalyst will increase reaction times.

The following table indicates the recommended amount of catalyst required to adjust the curing reaction to the temperature.

Substrate temperature in °C, required amount of catalyst in % (reference values)												
-10	-5	+3	5	10	15	20	25	30	35	40	45	50
-	-	6%	6%	4%	4%	2%	2%	2%	2%	2%	2%	2%

CONSUMPTION

2 kg/m²/mm

TECHNICAL DATA

Density: 1.22 g/cm³

APPLICATION CONDITIONS

Application equipment / tools

Mixing of the product:

- Suitable mixer (ex. paint mixer)

Applying of the product:

- Brush

Substrate preparation

ALSAN 075 is applied to the hardened ALSAN PMMA Primers. See technical guidelines of the primer.

Mixing

First stir the tub contents thoroughly. Then add the catalyst whilst stirring at a low speed for 2 minutes. Make sure that all material on the side and base of the pot is mixed in. At temperatures below 10 °C the product should be stirred for 4 minutes as the catalyst will take longer to dissolve.

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Application

With a brush, apply a thick layer to the detail to be waterproofed and smooth over. Make sure that a layer thickness of at least 1.5 mm is achieved in all areas. If necessary, apply a second layer once the first one has hardened.

Preparation for subsequent layers

None required.

CLEANING

When work is interrupted or completed, clean the tools thoroughly with ALSAN cleaning agent within the pot life of the material (approx. 10 minutes). This can be done with a brush. Do not use the tools again until the cleaning agent has fully evaporated.

Simply immersing the tools in the cleaning agent will not prevent the material from hardening.

SAFETY INFORMATION & RISKS

Please refer to the safety data sheet for the relevant product.

QUALITY

SOPREMA has always attached the highest importance to Quality Control. For this reason, we operate an independently monitored Quality Assurance System in line with **EN ISO 9001:2008** and **EN ISO 14001:2004**.

**GENERAL INFORMATION**

The above information, in particular the product application information, is based on extensive development and many years of experience. It's provided to the best of our knowledge. However, the wide range of requirements and conditions on site means that it may be necessary for the product to be tested under those conditions to ensure that it is suitable for the intended purpose. For further information and questions, contact **SOPREMA**.

Only the most recent version of the document is valid. We reserve the right to make changes to reflect advances in technology and improvements to our products.