

## ALSAN 970 FT

**ALSAN 970 FT** is a colourless, clear and mechanically durable sealer for surfaces with sand finishing. It is designed specifically as a sealer on top of coloured sand.

### Material

2-component, fast-curing, unpigmented PMMA based (polymethyl methacrylate) sealing resin.

### Properties

- Transparent
- Abrasion-resistant
- Permanently weather-resistant (UV, hydrolysis and alkali resistant)
- Easy and fast application
- Fast-curing
- Solvent-free

### Application

**ALSAN 970 FT** is used as a durable transparent sealer, for example on coloured sand finishing's. **ALSAN 970 FT** is not suitable as a receiver of sand finishing's and it is not recommended for sealing surfaces that are smooth or light coloured.

### Packaging

Can of 10 kg

**ALSAN 970 FT** is supplied without ALSAN 070 catalyst.

### Colours

**ALSAN 970 FT** is unpigmented

### 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
<b>ALSAN 970 FT</b>	-5 to +35	+3 to +40*	+3 to +30

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

### 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.

## Reaction times & required amounts of catalyst

	<b>ALSAN 970 FT</b> (at 20 °C, 2% catalyst)
Pot life	approx. 15 min.
Rain proof after	approx. 45 min.
Can be walked on / over coated after	approx. 1 h.
Curing time	approx. 3 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
-	-	4%	4%	4%	2%	2%	2%	2%	1.5%	1.5%	-	-

## Consumption

### Substrate

With finishing (depending on particle size)

### Consumption

0.5 – 0.7 kg/m<sup>2</sup>

## Technical data

Density: 0.97 g/cm<sup>3</sup>

## Application conditions

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### Application equipment / tools

Mixing of the product:

- Suitable mixer (ex. paint mixer)

Applying of the product:

- Finishing roller (sheepskin roller)
- Hard rubber blade (for applying **ALSAN 970 FT** to with sand finished surfaces)

### Substrate preparation

**ALSAN 970 FT** is applied to the with sand finished ALSAN 870 RS self-levelling mortar. Before the application of the **ALSAN 970 FT**, the ALSAN 870 RS self-levelling mortar has to be hardened and prepared (excess of sand removed).

### 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.

### Application

Use a hard rubber blade to apply the **ALSAN 970 FT**. For an enhanced appearance the coat can be smoothed over with the finish roller (depending on the particle size of the finishing, 0.5 – 0.7 kg/m<sup>2</sup> approximately).

## Cleaning

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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

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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.



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