



# ALSAN THIXO POWDER

## DESCRIPTION & APPLICATION

Soprema Alsan Thixo Powder is a thixotropic powdered additive used to increase viscosity level and mil build in all Soprema Alsan & Alsan RS liquid-applied membrane resins.

Soprema Alsan Thixo Powder needs to be added to all Alsan liquid-applied polyurethane resins that will be used for application on slopes greater than 1½" : 12" and flashing applications. The additive becomes fully encapsulated and takes on the finish color of the mixed resin. Increasing the Alsan Thixo Powder amount from 5% - 10% will create a Soprema Alsan Patching Paste used to fabricate cants and patching minor cracks and openings up to ½" (12.7 mm) deep. Important: Soprema Alsan Flashing, 310 and 500 polyurethane resins are suitable to produce Alsan Patching Paste. Soprema Alsan 500F & 500FT must not be used to produce Alsan Patching Paste.

### MIXING INFORMATION:

Thoroughly mix the entire drum of resin for 2-3 minutes before each use, and prior to pouring off resin into a second container if batch mixing. Mix only the amount of resin that can be used within 20-30 minutes. Soprema Alsan Thixo Powder needs to be added to Alsan liquid-applied polyurethane resins that will be used for application on slopes greater than 1½" : 12" and flashing applications as applicable. From 2% - 3% of Soprema Alsan Thixo Powder may be added to resin by weight to create vertical grade for flashing purposes. Add pre-measured Alsan Thixo Powder to the resin component, stir until fully mixed using a slow-speed mechanical agitator (200 to 400 rpm) as air incorporation or splashing from vigorous mixing may create problems, and then apply to substrate.

### MIXING RATIO:

ALSAN PRODUCT	3.8 kg	5 kg	25 kg
2% Thixo	0.07 kg	0.22 kg	0.5 kg
3% Thixo	0.11 kg	0.15 kg	0.75 kg

### APPLICATION CONDITIONS AND COVERAGE RATES:

Refer to Soprema Alsan resin product data sheet for coverage rate and recommendations for specific applications.

## CHARACTERISTICS

	ALSAN THIXO POWDER
Physical state	Powder
Color	White
Specific gravity	2.20
Volatiles by volume at 70°F	0%
Melting point	2930°F (1610°C)
UV resistant	Yes
Odor	Odorless



## HANDLING AND STORAGE

Product is supplied in re-sealable 1.1 lbs (0.5 kg) plastic container and in 9.9 lbs (4.5 kg) bulk package.

Always store in cool, ventilated and dry location. Do not store in direct sunlight or in temperatures below 32 °F (0 °C) or above 77 °F (25 °C).

Shelf life: Indefinite with proper storage.

Refer to Material Safety Data Sheet (MSDS) for personal protection, proper handling and storage.

When work is interrupted or completed, tools must be cleaned thoroughly with Alsan RS Cleaner before the resin hardens (within the pot life of the product – approximately 15 minutes).

## SPECIAL INDICATIONS

Safety Instruction:

- Always use caution when handling the products. Do not smoke. Keep away from open flame, fire or any ignition source. Avoid skin and eye contact with this product.
- Cured resin may be disposed of in standard landfills. Uncured resin is considered a hazardous material and must be handled as such, in accordance with local, state and federal regulations.
- Workers must wear long sleeved shirts, long pants, work boots and use only butyl rubber or nitrile gloves when working with the product. Safety glasses with side shields are required for eye protection. Use of NOISH approved respirator is required if the airborne concentration exceeds recommended limits. For more information, refer to instruction on the label of the can and to relevant Material Safety Data Sheet (MSDS).

Quality control:

SOPREMA has always attached the highest importance to Quality Control. For this reason, we operate an internationally recognized Quality System according to ISO 9001:2000, with the system independently monitored and certified by AFAQ-Association Française d'Assurance Qualité (French Main Quality Certification Office).

## GENERAL

SOPREMA is a Certified ISO 9001:2000 worldwide producer of bituminous membranes and a manufacturer of liquid membrane systems with factories in Europe and North America. Waterproofing sheets have been produced by SOPREMA since 1908. SOPREMA has been at the forefront of liquid membrane technology for nearly two decades.