

Technical Data Sheet

Soprema Sopraseal Sealant



WATERPROOFING
ACCESSORY PRODUCT

APPLICATIONS

WALLS

FOUNDATIONS

PARKING DECKS

PLAZA-DECKS

SOPRASEAL SEALANT

TECHNICAL DATA SHEET 201208SCANE

(supersedes 190603SCANE)

DESCRIPTION

SOPRASEAL SEALANT is a solvent-free and low VOC, moisture cure polyether sealant (STPE) and contains no isocyanates. SOPRASEAL SEALANT has elastomeric properties which provide good flexibility and excellent adhesion to most construction materials as well as SOPRASEAL membranes.

SOPRASEAL SEALANT is used as a waterproofing complement for wall application and can be used to fill and repair horizontal and vertical voids of concrete and masonry substrates that do not exceed 13 mm (1/2") in width.

RECOMMENDED SUBSTRATES

This product can be used on most substrates such as aluminum, metal, concrete, masonry and plastics including PVC.

SURFACE PREPARATION

The substrate must be clean and dry. Debris and other contaminants such as water, grease and oil may compromise the adhesion. Metal surfaces and PVC pipes must be cleaned with non-greasy solvents, such as acetone or methyl ethyl ketone (MEK).

APPLICATION

Apply SOPRASEAL SEALANT with caulking guns. Initial curing time varies from 30 minutes to an hour with complete cure after 24 hours depending on temperature and relative humidity.

Application temperatures: above 0°C (32°F)

Service temperatures: -40°C to 93°C (-40°F to 200°F)

FOR COMPLETE INFORMATION ON PRODUCT INSTALLATION, PLEASE CONSULT YOUR SOPREMA REPRESENTATIVE.

PACKAGING

Specifications	SOPRASEAL SEALANT
Physical state	Paste
Colour	Grey
Packaging	300 ml (10.1 oz) or 600 ml (20.2 oz)
Coverage	12 linear meters (40 linear feet) or 24 linear meters (80 linear feet) *
Viscosity, Brookfield at 22 °C	400 000 to 1 200 000 cP

* With a 5 mm x 5 mm (3/16 in. x 3/16 in.) bead.
(All values are nominal)



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PROPERTIES

SOPRASEAL SEALANT meets the following standards : ASTM C920, type S, Grade NS, Classe 25, uses NT, T, M, G, A and O.

Properties	Standards	SOPRASEAL SEALANT
Density	ASTM D1475	1414 g/L (11.8 lbs/gallon)
Elongation at break	ASTM D412	300%
Tensile Strength	ASTM D412	2.4 Mpa (350 psi)
Hardness shore A	ASTM C661	40
Low temperature flexibility 6mm (1/4") mandrel	ASTM D816	-23 °C (-10 °F)

(All values are nominal)

CLEANING

Uncured material and tools can be cleaned using alcohol base cleaning product.

STORAGE AND HANDLING

SOPRASEAL SEALANT shelf life is 12 months. Store original, unopened containers in a cool and dry area. Protect unopened containers from water, heat and direct sunlight. Elevated temperatures will reduce shelf life.

For more information, refer to the instructions on the container label and safety data sheet (SDS).

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NOTE : SOPREMA INC. may modify the composition and/or use of its products without prior notice.

NOTE : All products manufactured by SOPREMA Inc. comply with the description and properties indicated in the technical data sheet that was current at the date of manufacture.

This advice is given in good faith, for further advice or information do not hesitate to contact the allnex technical team.

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