

# SOPRAMASTIC PF

TECHNICAL DATA SHEET 190204SCANF

(supersedes 151120SCANF)



COMPLEMENTARY PRODUCT  
WATERPROOFING

APPLICATIONS

ROOFS

## DESCRIPTION

SOPRAMASTIC PF is a polyether-based resin, single-component, moisture cure elastomer sealing mastic. It is also odourless and has low VOC content.

SOPRAMASTIC PF sealing mastic is designed to waterproof around roofing details where penetrations represent a technical challenge. It is also used to fill the cavity inside the **SOPRAMASTIC BLOCK** precast blocks.

It is used in conjunction with **SOPRAMASTIC BLOCK** precast blocks and the **SOPRAMASTIC SP2** sealant and adhesive on roofs covered with SBS modified bitumen membranes with a granular or sanded surface, on organic felt and on oxidized bitumen membranes, such as **SOPRAGLASS 100** (multiply roof). It can be applied on horizontal surfaces.

## SURFACE PREPARATION

Surfaces must be clean, dry and free of debris, dust, non-adhered particles, oil, corrosion, rust or other contaminants.

Metal surfaces and PVC pipes must be cleaned with non-greasy solvents, such as acetone or methyl ethyl ketone (MEK).

## INSTALLATION

Minimum application temperature: > 0 °C (32 °F) Service temperature: -40 to 93 °C (-40 to 200 °F)

The **SOPRAMASTIC BLOCK** system should not be exposed to temperatures above 60 °C (140 °F) for extended periods.

Curing time depends on relative humidity and temperature. However, the product is waterproof once it is dry to touch. Avoid using the product if there is a chance of rain in the next four (4) hours.

Lay out the **SOPRAMASTIC BLOCK** precast blocks on the desired location and trace the outline for reference. **SOPRAMASTIC BLOCK** precast blocks must be placed so as to ensure a minimum gap of 25 mm (1 in) between the block inner wall and the penetrations.

Using a standard cartridge extruder, seal the base of each penetration with the **SOPRAMASTIC SP2** sealant and adhesive product. Cover the penetration with sealant at least 25 mm (1 in) above the height of the **SOPRAMASTIC BLOCK** precast blocks.

Under and at the ends of the precast blocks, on the flat surface, apply a 6 mm (1/4 in) bead around the perimeter and at the centre of the surface. Place and align the precast blocks on the roof outline. Apply pressure on the **SOPRAMASTIC BLOCK** precast blocks until product overflows from all sides of the precast blocks to avoid any water infiltration between granules and precast blocks. Install all precast blocks required to achieve the desired configuration.

Apply a bead of the **SOPRAMASTIC SP2** sealant and adhesive to the block joints and at the outer perimeter of the structure made of **SOPRAMASTIC BLOCK** precast blocks. Using the tip of a trowel, bond the **SOPRAMASTIC SP2** sealant and adhesive to the membrane.

**Horizontal surfaces:** completely fill the configuration with **SOPRAMASTIC PF** sealing mastic.

For more information on the product installation, please contact a SOPREMA representative.



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1/2

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## PACKAGING

Specifications	SOPRAMASTIC PF
Physical state	Liquid
Colour	White
Content	Pocket of 2 L (0.5 US gallon)

(All values are nominals)

## PROPERTIES

Properties	Standards	SOPRAMASTIC PF
VOC content	-	> 15 g/L
Brookfield viscosity @ 21 °C (70 °F)	-	40 000 cP
Density	ASTM S1475	1.1 kg/L (8.9 lb/US gal)
Solids content	-	100 %
Hardness Shore A	ASTM C661	15
Shrinkage	-	No visible shrinkage after 14 days
Skin over	ASTM C679	20 minutes

(All values are nominals)

## CLEANING

Tools can be cleaned with solvents, such as mineral spirits, Varsol or xylene.

## STORAGE AND HANDLING

SOPRAMASTIC PF may be kept for a period of 12 months when properly stored in original container. It should be kept at a minimum temperature of 0 °C (32 °F) just before and during the application. Store in a ventilated place, away from heat, moisture and sunlight.

For more information, please read the instructions on the container label and the relevant Material Safety Data Sheet (MSDS).



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2/2