SOPRA-FOAM
OUTDOOR SEALANT

DESCRIPTION

SOPRA-FOAM OUTDOOR SEALANT is a single-component polyurethane foam specially formulated to retain its colour and blend naturally into the surrounding landscape, even when exposed to direct sunlight.

This product is designed for outdoor use as a filler or a sealant in the following applications: Bonding stone and concrete; Managing water flow in ponds, waterfalls, etc.; Crafting; Securing artificial plants in pots.

RECOMMENDED SUBSTRATES

SOPRA-FOAM OUTDOOR SEALANT adheres to most building materials, including vinyl, wood, metal, polystyrene and polyisocianurate.

SURFACE PREPARATION

Before application, surfaces must be clean, homogeneous and free of all contamination (oils and greases, dust and loose or friable particles). Cement laitance must be removed. Dry and porous surfaces must be moistened with water.

APPLICATION

Shake the SOPRA-FOAM OUTDOOR SEALANT cartridge, remove the protective cap, and attach the straw to the cartridge. Do not overtighten. Hold cartridges down while applying foam. Shake the cartridge intermittently during prolonged use.

Do not fill the entire space to allow the foam to expand. Expansion may vary according to ambient temperature and humidity levels. In dry conditions, we recommend filling gaps in several thin layers (≤ 25 mm (1 in)). Ensure that each layer can harden and expand sufficiently. Spray water on the foam to accelerate curing if necessary.

The foam can be sanded, painted or stained after 24 hours.

SOPRA-FOAM OUTDOOR SEALANT can be applied at temperatures ranging from -6 to 30 °C (21 to 86 °F). However, we recommend that the container be conditioned to around 20 °C (68 °F) 12 hours before the application, for optimum performance.

LIMITATIONS

Avoid use in areas requiring fire-retardant or fireproof materials.

Not suitable for silicone and PTFE substrates.

Cured foam colour may fade if exposed to prolonged UV rays.

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

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GENERAL INFORMATION

Specifications	SOPRA-FOAM OUTDOOR SEALANT
Physical state	Liquid
Technology	Single component polyurethane
Colour	Black
Curing system	Moisture
Cartridge format	500 ml (Straw)
Weight	455 g (16 oz)
Yield [1]	19 L/gal

(1): Yields are approximate and may vary according to application technique, surface roughness, temperature and humidity.

PROPERTIES

Properties	Standards	SOPRA-FOAM OUTDOOR SEALANT
Tack-free [1], *1 cm wide*	ASTM C1620	6 ± 2 minutes
Trim time [1], *1 cm wide*	ASTM C1620	≤40 minutes
Curing time [1]	-	24 hours
Service temperature	-	-40 to 80 °C (-40 to 176 °F)

(1): Times were established at a temperature of 23 °C (73 °F) and 50% relative humidity. Reaction times will be slower at lower temperatures and drier air.
(All values are nominal)

CLEANING

For uncured foam, use SOPRA-FOAM CL-F cleaner and wipe with a disposable material. Follow the instructions on the SOPRA-FOAM CL-F cleaner technical data sheet. Cured foam must be removed manually; it is not harmful.

STORAGE AND HANDLING

SOPRA-FOAM OUTDOOR SEALANT cartridges can be stored for 18 months from the date of manufacture if left in their original, unopened packaging. Ensure the foam is used before the date indicated on the cartridge and store the cartridges upright in dry conditions, out of direct sunlight and at temperatures between 5 and 25 °C (41 and 77 °F).

For more information and advice on the safe handling, storage and disposal of the chemical products, users shall refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety-related data. For more information and advice on the safe handling, storage and disposal of the chemical products, users shall refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety-related data.

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