

SOPRA-FOAM OUTDOOR SEALANT

INSULATING FOAM
POLYURETHANE (PU)



Specifications	SOPRA-FOAM OUTDOOR SEALANT
Format	500 ml (Straw)
Net weight	455 g (16 oz)
Yield ⁽¹⁾	19 L (5 US gal)
Product code	25686
Quantity per box	12
Quantity per pallet	960
Physical state	Liquid
Technology	Single component polyurethane
Colour	Black
Paintable	Yes
Curing time ⁽²⁾	24 hours
Application temperatures	-6 to 30 °C (21 to 86 °F) ⁽³⁾
Service temperature	-40 to 80 °C (-40 to 176 °F)
Adhesion to damp surfaces	Yes
Curing system	Moisture

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

(2): 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.

(3): Optimal can temperature is around 20 °C (68 °F). If the can temperature is lower put the can into warm water (around 35 to 40 °C (95 to 104 °F)) for 40 minutes.

FEATURES AND BENEFITS

- Product for bonding stone and concrete.
- UV-resistant black colour.
- Application possible in a wide temperature range.

RECOMMENDED USES

- Designed for outdoor and indoor 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.
- Single-component polyurethane foam formulated to retain its colour and blend naturally into the surrounding landscape, even when exposed to direct sunlight.

RECOMMENDED SUBSTRATES

- Adheres to most building materials, including vinyl, wood, metal, polystyrene and polyisocyanurate.

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.

(supersedes 240920SCANIE)

TECHNICAL DATA SHEET 260324SCANIE

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.

LIMITATIONS

- Avoid use in areas requiring fire-retardant or fireproof materials.
- SOPRA-FOAM OUTDOOR SEALANT is not suitable for silicone and PTFE substrates.
- Cured foam colour may fade if exposed to prolonged UV rays.

PROPERTIES

Properties	Standards	SOPRA-FOAM OUTDOOR SEALANT
Tack-free ⁽¹⁾ , 10 mm (0.4 po) wide	ASTM C1620	6 ± 2 minutes
Trim time ⁽¹⁾ , 10 mm (0.4 po) wide		≤ 40 minutes

(All values are nominal)

(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.

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.



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