

SOPRA-FOAM

BIG GAP FILLER

INSULATING FOAM
POLYURETHANE (PU)



Specifications	SOPRA-FOAM BIG GAP FILLER	
Format	400 ml (Straw)	600 ml (Straw)
Net weight	340 g (12 oz)	680 g (24 oz)
Yield ⁽¹⁾	19 L (5 US gal)	38 L (10 US gal)
Product code	25680	25691
Quantity per box	12	
Quantity per pallet	960	720
Physical state	Liquid	
Technology	Single component polyurethane	
Colour	Light yellow	
Paintable	Yes	
Curing time ⁽²⁾	24 hours	
Application temperatures	5 to 30 °C (41 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

- Withstands building and material movement.
- Expands to fill, seal, and insulate gaps and cavities from 25 to 76 mm (1 to 3 in).
- It blocks drafts, saves energy, provides permanent adhesion, as well as being airtight and water-resistant.

RECOMMENDED USES

- Indoor and outdoor use.
- Single-component, triple-expansion polyurethane foam used for filling and insulating holes, cracks, and large openings.
- Can also be used as a wiring, plumbing, and HVAC ducts.

RECOMMENDED SUBSTRATES

- Adheres to most building materials, including vinyl, wood, metal, polystyrene and polyisocyanurate.
- It can also be used on SOPREMA's SOPRASEAL membranes and RESISTO's smooth-surface membranes such as door and window membranes.

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 240920SCANE)

TECHNICAL DATA SHEET 260312SCANE

APPLICATION

Shake the SOPRA-FOAM BIG GAP FILLER cartridge, remove the protective cap, and attach the straw to the cartridge. Do not overtighten. Hold cartridge 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.

It is recommended to paint or coat the cured foam for best results in outdoor applications. The foam can be sanded, painted or stained after 24 hours.

LIMITATIONS

- Avoid use in areas requiring fire-retardant or fireproof materials.
- SOPRA-FOAM BIG GAP FILLER is not suitable for silicone and PTFE substrates.
- After exposure to UV rays, cured foam will discolour and loses stability and properties.

PROPERTIES

Properties	Standards	SOPRA-FOAM BIG GAP FILLER
Tack-free ⁽¹⁾ , 10 mm (0.4 po) wide	ASTM C1620	7 ± 3 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 BIG GAP FILLER 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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