

# SOPRA-FOAM BIG GAP FILLER

INSULATING FOAM  
POLYURETHANE (PU)



	STRAW	PRO
Format (net)	340 g (12 oz)	680 g (24 oz)
Colour	Light yellow	
Paintable	Yes	
Curing time	24 hours	
Application temperatures	5 °C to 30 °C (41 °F to 86 °F)	
Service temperatures	-40 °C to 80 °C (-40 °F to 176 °F)	
Adhesion to damp surfaces	Yes	
Shelf life (months)	18	
Product code	25680	25691
Quantity per box	12	12
Quantity per pallet	960	720

## FEATURES AND BENEFITS

- Withstands building and material movement
- Expands to fill, seal and insulate gaps over 2.5 cm (1 in), up to 7.6 cm (3 in)
- Adheres to most building materials

## RECOMMENDED USES

- Indoor and outdoor use
- Single-component triple-expansion polyurethane foam recommended for filling and insulating holes, cracks and large openings
- To provide airtight insulation for wiring, plumbing and HVAC duct applications
- For applications requiring permanent adhesion to vinyl, wood, metal, polystyrene and polyiso

## 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 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 ( $\leq 25$  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.

SOPRA-FOAM BIG GAP FILLER can be applied at temperatures ranging from 5 to 30 °C (41 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.

SOPRA-FOAM BIG GAP FILLERS is not suitable for silicone and PTFE substrates.

After exposure to UV rays, cured foam will discolor and loses stability and properties.

## PROPERTIES

PROPERTIES	STANDARDS	SOPRA-FOAM BIG GAP FILLER
Tack-free <sup>(1)</sup> , 1 cm wide	ASTM C1620	7 ± 3 minutes
Trim time <sup>(1)</sup> , 1 cm wide	ASTM C1620	≤40 minutes
Curing time <sup>(1)</sup>	-	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 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.