

SOPRA-FOAM DOORS AND WINDOWS

INSULATING FOAM
POLYURETHANE (PU)



	STRAW		PRO	
Format (net)	340 gr (12 oz)	570 gr (20 oz)	680 gr (24 oz)	850 gr (30 oz)
Colour	Light yellow			
Paintable	Yes			
Curing time	24 hours			
Application temperatures	-6 °C to 30 °C			
Service temperatures	-40 °C to 80 °C			
Adhesion to damp surfaces	Yes			
Performances	CAN/ULC S102 Flame Spread Index : 20 CAN/ULC S102 Smoke-developed Index : 45 UL 723 Flame Spread Index : 10 UL 723 Smoke-developed Index : 20			
Shelf life (months)	18			
Product code	25681	25682	25690	25685
Quantity per box	12	12	Contractor pack 12	12
Quantity per pallet	960	720	720	720

FEATURES AND BENEFITS

- Won't bow window and door frames
- Insulates and seals
- Can be applied in a wide temperature range

RECOMMENDED USES

- Indoor and outdoor use
- Single-component low-expansion polyurethane foam for sealing doors and windows, suitable for various climates and temperatures
- Ideal for sealing spaces around doors and windows, as well as other applications such as wiring, plumbing, and HVAC ducts
- It blocks drafts, saves energy and provides permanent adhesion to vinyl, wood, metal, polystyrene and polyiso while being airtight and water-resistant.

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

STRAW METHOD

Shake the SOPRA-FOAM DOORS AND WINDOWS 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.

APPLICATOR GUN METHOD (PRO)

Shake the SOPRA-FOAM DOORS AND WINDOWS cartridge before use. Remove the protective cap and screw the cartridge onto the applicator gun. Press the gun trigger to dispense the foam. Shake regularly during application. Always keep container upside down during application. Read gun manufacturer's instructions for proper use of application tool.

The cartridge can be left screwed onto the gun for up to 30 days when the screw on the back of the gun is tightened. The container must be under pressure, otherwise the foam will harden in the gun. NEVER leave an applicator gun without a foam cartridge attached unless it has been cleaned with SOPRA-FOAM CL-F cleaner.

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

LIMITATIONS

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

SOPRA-FOAM DOORS AND WINDOWS is not suitable for silicone and PTFE substrates.

PROPERTIES

PROPERTIES	STANDARDS	SOPRA-FOAM DOORS AND WINDOWS	
		STRAW	PRO
Flame spread	CAN/ULC-S102	20	
Tack-free ⁽¹⁾ , 1 cm wide	ASTM C1620	7 ± 3 minutes	6 ± 2 minutes
Trim time ⁽¹⁾ , 1 cm wide	ASTM C1620	30-45 minutes	20-45 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

Use SOPRA-FOAM CL-F cleaner to clean the applicator gun as soon as a container of SOPRA-FOAM DOORS AND WINDOWS is removed and the gun is no longer in use, to prevent the foam from hardening inside the gun. Follow the instructions on the SOPRAFOAM CL-F cleaner data sheet. Hardened foam can be removed manually; it is not harmful.

STORAGE AND HANDLING

SOPRA-FOAM DOORS AND WINDOWS cartridges can be stored for 18 months from the date of manufacture if left in their original, unopened packaging. Store 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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