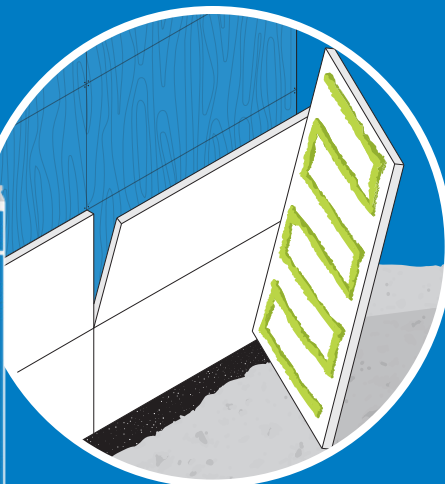


ALSAN FOAM

EPS/XPS

ADHESIVE
POLYURETHANE (PU)



Specifications	ALSAN FOAM EPS/XPS
Format	750 ml
Gross weight	850 g (30 oz)
Yield ⁽¹⁾	65 to 70 L (17.2 to 18.5 US gal)
Coverage rate ⁽²⁾	Up to 14 m ² (150 ft ²)
Product code	24720
Quantity per box	12
Quantity per pallet	720
Physical state	Liquid
Technology	One-component polyurethane
Colour	Light green
Paintable	No
Application temperatures	0 to 30 °C (32 to 86 °F) ⁽³⁾
Service temperature	-40 to 100 °C (-40 to 212 °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): Coverage rate is approximate and may vary due to the application technique and surface roughness.

(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

- High-performance formula.
- Adhesive comes out six times faster than a regular cartridge.
- Strong adhesion.

RECOMMENDED USES

- Indoor and outdoor use.
- One-component moisture-curing polyurethane adhesive foam recommended for bonding thermal insulation boards, particularly EPS, XPS (SOPRA-XPS), and polyisocyanurate (SOPRA-ISO) boards.

RECOMMENDED SUBSTRATES

- Excellent adhesion to most typical construction materials, including concrete-based materials, brick, wood, aluminum, and galvanized or painted steel.
- Can also be used on SOPREMA and RESISTO 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.

TESTS, CERTIFICATIONS AND EVALUATIONS



(supersedes 260415SCANE)

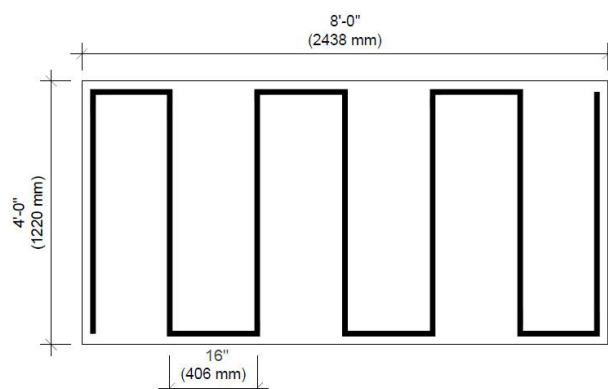
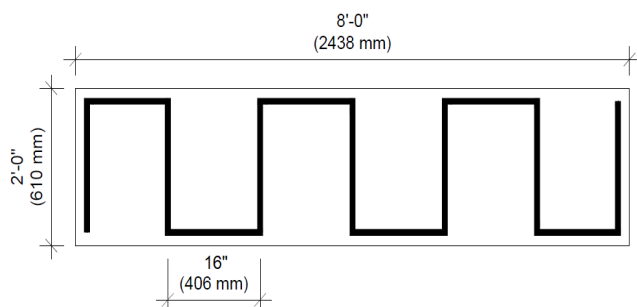
TECHNICAL DATA SHEET 260727SCANE

APPLICATION

Shake the can of ALSAN FOAM EPS/XPS before use. Screw the can onto the application gun. Press the trigger to let the foam flow. Shake the can regularly during application and always keep it upside down while applying the product.

Apply the foam in 2 to 3 cm (3/4 to 1-1/8 in) wide strips, 3 cm (1-1/8 in) from the edges of the board. Apply ALSAN FOAM EPS/XPS in an "S" pattern with continuous beads installed every 406 mm (16 in.).

Suggested layout depending on the dimensions of the panels:



Read gun manufacturer's instructions for proper use of application tool. The cartridge can be left screwed onto the gun for up to 48 hours 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.

LIMITATIONS

- ALSAN FOAM EPS/XPS is not suitable for PE, silicone and PTFE substrates.

PROPERTIES

Properties	ALSAN FOAM EPS/XPS
Density (foam)	21 kg/m ³
Skinning time, at 23 °C (73 °F) at 50 % R.H.	6 minutes
Curing time, at 23 °C (73 °F) at 50 % R.H.	24 hours
Fire class	Class 1 - CAN/ULC-S710.1
Thermal conductivity, at 20 °C (68 °F)	0.036 W/m.K
Elongation at break	13%
Tensile strength	7.6 N/cm ²
Compression strength	0.03 MPa

(All values are nominal)

CLEANING

Use SOPRA-FOAM CL-F cleaner to clean the applicator gun as soon as a container of SOPRA-FOAM GAPS AND CRACKS is removed and the gun is no longer in use, to prevent the foam from hardening inside the gun. Follow the instructions on the SOPRA-FOAM CL-F cleaner technical data sheet.

STORAGE AND HANDLING

ALSAN FOAM EPS/XPS cartridges can be stored for 15 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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