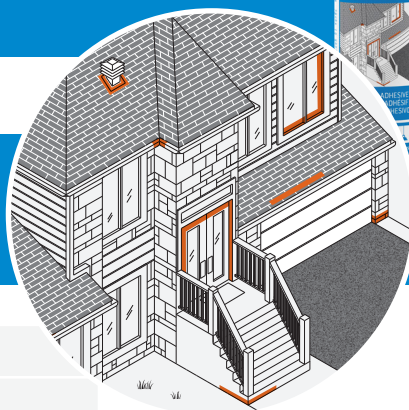




ACCESSORY  
PRODUCTS

# ALSAN FLEX 2945 SB

## SEALANT AND ADHESIVE HYBRID POLYMER (STPE)



Format	300 ml (10.1 oz)
Colours	Black, grey, and white
Paintable	Yes
Skinning time	35 minutes
Curing time	24 to 48 hours
Application temperature	Min. 0 °C (32 °F)
Service temperatures	-40 to 93 °C (-40 to 200 °F)
Adhesion to wet surfaces	Yes
Joint movement	35%
Performances	Elongation at break: 525%
	ShA: 45
	370 psi
Coverage rate	4 m (14 ft) with a 9.5 mm (3/8 in) bead
Durée de conservation (mois)	18
Code de produit	24716 (white)
	24717 (black)
	24718 (grey)
Quantité par caisse	12
Quantité par palette	1,260

### FEATURES AND BENEFITS

- Joint movement  $\pm 35\%$
- Application on wet and dry surfaces
- Chemical base: Hybrid polymer (STPE)
- Solvent and isocyanate free
- Superior adhesion strength
- Does not shrink
- Can be painted

### RECOMMENDED USES:

- Outdoor use
- Vertical and horizontal joints
- Roof details
- Expansion joints, precast concrete, blocks and masonry, waterproofing of exterior doors and windows, siding, parapets, weatherproofing, and cove joints
- Adhesion without primer to most materials: galvanized steel, aluminum, PVC, glass, brick, concrete, EPDM, SBS-modified bitumen, EPS and XPS foam, vinyl, and stucco
- Alsan Flex 2945 SB can even be applied in static water as a temporary fix for a leak

### SEALANT PRODUCT COMPLEMENTARY TO RESISTO PRODUCT OFFERING



ROOF UNDERLAYMENT  
HIGH TEMPERATURE  
LASTOBOND PRO HT-N



SOPRASEAL  
STICK VP



AIR AND VAPOR  
BARRIER MEMBRANE  
REDZONE 25



ALL-WEATHER BUTYL  
FLASHING TAPE



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## SURFACE PREPARATION

Before application, be sure that surfaces are clean, dry, homogeneous, and free from all contamination (oils and grease, dust, and loose or friable particles). Cement laitance must be removed.

## APPLICATION

Minimum application temperature: > 0 °C (32 °F). Service temperatures: -40 to 93 °C (-40 to 200 °F).

Apply ALSAN FLEX 2945 SB evenly. If necessary, use masking tape when sharp joint lines are required. Remove the tape while the sealant is still soft. Slick joint with smoothing liquid for a perfect sealant surface.

Making joints: After appropriate substrate preparation, insert an adapted backing rod (closed-cell polyethylene foam) to the required depth (width/depth ratio should be 2:1 for floor joints and 1:2 for façade joints). Extrude ALSAN FLEX 2945 SB into the joint to fill, making sure that it is in full contact with the side of the joint. Avoid air entrapment. Hold the tool firmly against joint sides to ensure good adhesion.

## RESTRICTIONS

For areas where prolonged chemical exposure is expected, contact Technical Services for recommendations. ALSAN FLEX 2945 SB is not suitable in areas subject to continuous immersion. Remove all coatings and sealers before application. Do not use on TPO. A slight yellowing may occur when white sealant is not exposed to ultraviolet rays. Always test and evaluate to ensure adequate adhesion on substrate.

## PROPERTIES

PROPERTIES	STANDARDS	ALSAN FLEX 2945 SB
Joint movement		± 35%
Sag Resistance	ASTM C639	Pass
Brookfield viscosity @ 23 °C (73 °F)		1 200 000 cp ± 400 000 cp
Density	ASTM SI475	1.4 kg/L (11.94 ± 0.2 lbs/gal US)
Solids content		100%
Elongation at Break	ASTM D412	525%
Tensile Strength	ASTM D412	2.55 MPa (370 psi)
Shear Strength	ASTM D1002	2.69 MPa (390 psi)
Hardness Shore A	ASTM C661	45
Low Temperature Flexibility	ASTM D816	Pass -23 °C (-10 °F) 6.35 mm (1/4 in) mandrel
Shrinkage		No shrinkage after 14 days
Tack free time		35 min ± 10 min (45 ± 5 % R.H.)

Applicable performance standards : ASTM C920, Type S, Grade NS, Class 35, uses NT, TI, M, G, A & O  
(All values are nominal)

## CLEANING

Wet sealant can be removed using a solvent such as alcohol. Cured ALSAN FLEX 2945 SB can be removed by abrading or scraping the substrate.

## STORAGE AND HANDLING

This product may be kept for a period of 18 months when properly stored in its original container at 21 °C (70 °F) with 50% relative humidity. High temperature and high relative humidity may significantly reduce shelf life. Store original unopened containers in a cool, dry area. Protect unopened containers from water, heat, and direct sunlight. ALSAN FLEX 2945 SB will not freeze.

For more information about the ALSAN product line, please contact your RESISTO representative.