



STR220A

MULTIPURPOSE SEALANT

KEY FEATURES

- Good UV-resistance and aging properties
- Solvent, isocyanate and PVC free
- Neutral and odorless curing

DESCRIPTION

Bostik STR220A is a Silyl Modified Polymer (SMP)-based all-purpose elastomeric sealant, suitable for bonding and sealing joints and seams.

BASIC USES

STR220A is developed for bonding and sealing in various industries, including bus, RV, and trailer assembly. The product adheres well to most coated and uncoated metals, glass, PVC, polyester, and coated wood. Substrates should be clean, dry, and dust/grease free prior to bonding. Low surface energy substrates, like polyolefins and PTFE, must be treated before bonding. The use of Prep M is recommended for higher adhesion strength. For bare wood and other porous substrates, the use of Prep G is recommended. Consult the technical data sheets for Prep M and Prep G for more details. Contact Bostik for additional information, including adhesion to substrates not mentioned here.

PACKAGING

Available in 10.1oz cartridge and 13.5/20oz sausage packaging. Other packaging sizes may be available by request.

COUNTRY OF MANUFACTURE

United States

METHOD OF USE

STR220A can easily be extruded with a hand or air pressure gun at temperatures between 41°F to 95°F (5°C and 35°C). In sealing applications, STR220A should be tooled or smoothed within 10 minutes (at 70 °F (20°C) / 50%R.H.) with a spatula or putty knife, occasionally moistened with a soap solution. Avoid soap solution penetrating between joint sides and sealant, which will create loss of adhesion. In bonding applications the substrates have to be assembled within 20 minutes (at 70°F (20°C) / 50%R.H.) after applying STR220A. In general, an adhesive thickness of 2mm is recommended.



TYPICAL PHYSICAL PROPERTIES

Description	Results
Basic Material	Silyl Modified Polymer (SMP)
Curing Method	Moisture
Specific Gravity	1.6 g/ml
Skin Forming Time	30 min. (70°F/20°C/50% R.H.)
Curing speed after 24 hrs	2 mm (70°F/20°C/50% R.H.)
Shore A hardness	44 (ASTM 2240)
Tensile stress at break	270 psi (ASTM 412)
Elongation at break	220% (ASTM 412)
Shear stress	180 psi (ASTM D1002) (Al-Al 1/16" thickness, test speed 2 in/min)
Solvent percentage	0%
Isocyanate percentage	0%
Temperature resistance	-40°F to 250°F (-40°C to 121°C)
Application temperature	41°F to 95°F (5°C and 35°C)
UV- and weather resistance	Excellent

CLEAN UP

Cleaning tools or removing uncured residue of STR220A can be done with a clean colorless cloth, wetted with isopropyl alcohol. It is recommended to make a trial first to check possible attack of the substrate by isopropyl alcohol.

SHELF LIFE

STR220A can be stored for 12 months in an original, unopened container in a dry place at temperatures between 41°F to 95°F (5°C and +35°C).

HEALTH AND SAFETY PRECAUTIONS

The Safety Data Sheet should be consulted for proper handling, clean up and spill containment before use. Keep containers covered to minimize contamination.

LIMITED WARRANTY

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BOSTIK HOTLINE

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