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Bostik
smart adhesives

STR220A

MULTIPURPOSE SEALANT

KEY FEATURES

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

DESCRIPTION

Bostik STR220A is a good all purpose sealant. STR220A is based on Silyl Modified Polymer (SMP) and is suitable for making elastic constructive joints and elastic sealings.

BASIC USES

Bostik STR220A is a high quality product based on Silyl Modified Polymer (SMP), especially developed for bonding and sealing in bus, caravan, and trailer construction.
In general, STR220A adheres well without primer on clean, dry, dust and grease free substrates of aluminium, stainless steel, galvanized steel, zinc, copper, brass, powder coated metal, most lacquered metal surfaces, glass, PVC, polyester (GRP), painted and lacquered wood, etc. No adhesion on untreated polyethylene, polypropylene and PTFE. In case of high adhesion demands the use of Prep M is recommended. Prep M degreases and prepares the surface of the substrate in one step. On plain, untreated wooden surfaces and other porous substrates Prep G is recommended. For more details concerning Prep M and Prep G consult the Technical Data Sheets. For not mentioned substrates and additional information consult Bostik.

PACKAGING

10.1 oz cartridges, 600 ml sausages, and other packaging on request.

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 smoothened 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



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.)
Open Time	40 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 (100%)	48 psi (ASTM 412)
Tensile stress at break	120 psi (ASTM 412)
Elongation at break	800% (ASTM 412)
Shear stress (steel - steel thickness 1/16 in, test speed 2 in/min.)	110 psi (ASTM 1002)
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
Colors	White, Grey, Black

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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 2 mm is recommended.

CLEAN UP

Cleaning tools or removing uncured residue of STR220A can be done with a clean colourless cloth, wetted with isopropyl alcohol or Liquid 1. It is recommended to make a trial first to check possible attack of the substrate by isopropyl alcohol or Liquid 1.

SHELF LIFE

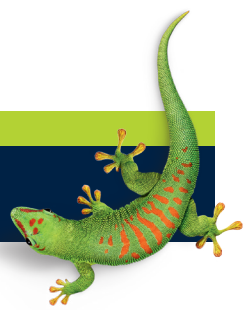
STR220A can be stored for 12 months in an original, unopened container in a dry place at temperatures between 41°F to 95°F (5°C and +35°C).

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

Smart help
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