



STR360A SKF

MULTIPURPOSE ADHESIVE

KEY FEATURES

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

DESCRIPTION

Bostik STR360A SKF is a Silyl Modified Polymer (SMP) based adhesive suitable for making elastic constructive joints. Immediately after installation, the product has a high green strength (high internal strength), which results in a heavy paste with an extremely good slump resistance. In addition, the STR360A SKF has a 30 minute open time, allowing for flexibility in manufacturing processes needing additional work time.

BASIC USES

Bostik STR360A SKF 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, STR360A SKF 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

STR360A SKF can easily be extruded with a hand or air



TYPICAL PHYSICAL PROPERTIES

Description	Results
Basic Material	Silyl Modified Polymer (SMP)
Curing Method	Moisture
Specific Gravity	1.5 g/ml
Skin Forming Time	20 min. (70°F/20°C/50% R.H.)
Open Time	30 min. (70°F/20°C/50% R.H.)
Curing Speed After 24 hrs	3 mm (70°F/20°C/50% R.H.)
Shore A Hardness	50 (DIN 53505)
Volume Change	< 3% (DIN 52451)
Green Strength	1400 Pa (Physica Rheometer MC100) <small>(Max. load which can be applied per m² uncured adhesive without sagging)</small>
Tensile Stress (100%)	350 psi (DIN 53504/ISO 37)
Tensile Strength at Break	500 psi (DIN 53504/ISO 37)
Elongation at Break	400% (DIN 53504/ISO 37)
Shear Strength	305 psi (DIN 53283/ASTM D1002) <small>(Alu-Alu; adh. thickness 2mm, test speed 50 mm/min.)</small>
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 Resistance	Excellent

pressure gun at temperatures between 41°F to 95°F (5°C and 35°C). In sealing applications, STR360A SKF should be tooled or smoothed within 15 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 30 minutes (at 70 °F (20°C)/50%R.H.) after applying STR360A SKF. In general, an adhesive thickness of 2 mm is recommended.

CLEAN UP

Cleaning tools or removing uncured residue of STR360A SKF 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 these cleaners.

SHELF LIFE

STR360A SKF 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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This document supersedes all previously published literature.
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