



PROPERTIES

COLOR:

Off white, dries clear

APPLICATION CONSISTENCY:

Foamed Spray

AVERAGE WEIGHT / U.S. GALLON (ASTM D 1475)⁽¹⁾:

8.3 lbs. (1.0 kg/l)

AVERAGE NON-VOLATILE (ASTM D 2369)⁽¹⁾:

53.7% by volume (53% by weight)

COVERAGE RANGE (FSTM 72)⁽¹⁾:

(Subject to type of service and nature of material being bonded)

400-1200 ft²/gal. (9.8-29.5 m²/l) per surface

Portable canister yields 40-120 ft²/lb

BONDING TIME (ASTM D 66):

0 to 24 hours (when protected from contamination)

SERVICE TEMPERATURE LIMITS (FSTM 70):

(Temperature at coated surface)

-40°F to 180°F (-40°C to 82°C)

WET FLAMMABILITY (ASTM D 3278):

No flash to boiling, 212°F (100°C)

SURFACE BURNING CHARACTERISTICS (ASTM E 84):

Flame Spread: 0

Smoke Developed: 0

Tested at coverage rate of 400 sq.ft./gal. (9.8 m²/l).

Applied to 1/4" (6.4mm) inorganic reinforced cement board. The flame spread may vary at different product thicknesses and/or when applied over other surfaces.

PACKAGING:

12# and 40# pressurized canisters

(1) Based upon the adhesive excluding propellant in pressurized canisters.

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FOSTER FOS-STIK™ CANISTERIZED PRESSURE-SENSITIVE ADHESIVE

FOSTER FOS-STIK ADHESIVE is a rapid setting water-base pressure sensitive adhesive used to adhere a wide variety of insulation materials to metal or other construction surfaces where immediate adhesion and high initial adhesive strength are required. It can be used either as a one-way wet or dry bond, or as two-way contact cement.

FOS-STIK ADHESIVE has good initial wet grab, and develops a permanent aggressive tack on drying. It is well suited for use as a contact adhesive when bonding two impermeable surfaces.

FOS-STIK ADHESIVE is packaged in pressurized canisters, provides a foamed adhesive spray that allows for higher coverage rates, improved wet bonding and a faster dry time. Only non-flammable, VOC free propellants are used for maximum safety in use.

FOS-STIK ADHESIVE meets ASTM C916, Type II (ASC-A-7001A, Type II) requirements and NFPA 90A and 90B 25/50 flame and smoke requirements.

FOS-STIK ADHESIVE can also be used for adhering difficult substrates like polyethylene film, phenolic, polyolefin, PVC or elastomeric foam.

FOS-STIK ADHESIVE features a very low VOC level.

LIMITATIONS

WARNING: KEEP FROM HEAT AND OPEN FLAME! Contents under pressure. DO NOT PUNCTURE, INCINERATE (BURN), OR STORE ABOVE 100°F. Store and apply between 60°F (15.6°C) and 100°F (38°C). Protect from freezing. For best spray results, the canister should be between 60°F (15.6°C) and 85°F (29.5°C).

Avoid repositioning the insulation after initial placement. Allow to dry for full adhesive strength for overhead applications.

APPLICATION GUIDE FOR FOSTER FOS-STIK™ ADHESIVE 85-40

MATERIAL PREPARATION

Shake pressurized canisters to mix before each use. Keep container valves closed when not in use.

DIRECTIONS FOR USE:

1. Make sure all surfaces to be sprayed are clean and free from debris, dust, dirt, grease, etc.
2. Try gun on test surface to make sure adhesive is spraying properly.
3. Hold spray gun 16-18 inches from surface to be sprayed.
4. Avoid buildup of adhesive. Edges of spray pattern should overlap giving consistent coverage over surface.
5. Wipe spray tip with a wet cloth after each use to minimize clogging.

One-Way Applications

Apply a uniform coat across the surface at a coverage rate of 400-1200 ft²/gal. (9.8-29.5 m²/l), using lower coverage rates for high-density insulations or where higher bond strength is needed. Low-density moisture permeable insulation can be bonded immediately, or wait 10-20 minutes for full tack development. Rigid fiberglass insulation board of 3 pound or greater density is best bonded after full tack development. Only bond impermeable surfaces after dried clear to full tack.

Two-Way Contact Bond Application

Apply a uniform coat across both surfaces to be bonded at a coverage rate of 800-1600 ft²/gal (19.6-39.3 m²/l), using lower coverage rates for porous or irregular surfaces. Allow the adhesive film to dry clear to full tack, normally 5 - 15 minutes. Using firm, hard pressure press the substrates together to assure intimate contact across the entire bonding surface. Use care in placement since it will not be adjustable once contacted.

DISPOSAL: CAUTION - CONTENTS UNDER PRESSURE

When all adhesive has been used from canister, close canister valve and clear hose and gun before connecting hose from canister. Do not clear hose and gun until a new canister is available. Immediately attach hose to new canister. If the hose is not to be immediately connected to a new canister it must be thoroughly flushed with water to rinse all residual adhesive. Before discarding empty canister, open valve carefully to vent any excess pressure. Then pierce the rupture disc with a nail or other sharp object. The canister is not hazardous when empty. In most areas the empty canister can be disposed of the same as an aerosol can, or it may be recycled as scrap metal.

FOLLOW ALL LABEL INSTRUCTIONS for use; hose changeover, storage, and canister disposal. Keep the spray tip from clogging between uses by wiping it clean with a wet rag or immersing the spray gun in water. Clear clogged spray tips with clean-up solvents shown below and a stiff brush.

CLEAN-UP

To clean up, use warm soapy water if still wet. When dry use mineral spirits (flammable), chlorinated solvents (non-flammable), or undiluted Pine-Sol cleaner.

CUSTOMER SERVICE—800-231-9541 OR 800-338-2975

IMPORTANT: Specialty Construction Brands, Inc. warrants that each of its products will be manufactured in accordance with the specifications in effect on the date of manufacture. WE MAKE NO OTHER WARRANTIES AND EXPRESSLY DISCLAIM ANY WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. If a product fails to meet this limited warranty, purchaser's sole and exclusive remedy is replacement of the product or, at our option, refund of the purchase price. OUR ACCEPTANCE OF ANY ORDERS FOR THE PRODUCT IS EXPRESSLY CONDITIONAL UPON PURCHASER'S ASSENT TO THE TERMS ON THE APPLICABLE INVOICE.

ADEQUATE TESTS: The information contained herein we believe is correct to the best of our knowledge and tests. The recommendations and suggestions herein are made without guarantee or representation as to results. We recommend that adequate tests be performed by you to determine if this product meets all of your requirements. The warranted shelf life of our products is six months from date of shipment to the original purchaser.

**For industrial use only. Keep out of reach of children.
Consult Material Safety Data Sheet and container label for further information.**