PROPERTIES

COLOR:
Off white

APPLICATION CONSISTENCY:
Spray, brush or roller

AVERAGE WEIGHT / U.S. GALLON (ASTM D1475):
8.8 lbs. (1.05 kg/l)

AVERAGE NON-VOLATILE (ASTM D2369):
50% by volume (56% by weight)

COVERAGE RANGE:
Subject to type of surface and nature of material to be bonded.
Spray: 250 – 400 sq. ft. per gal. (6.1 – 9.8 m²/l)
Brush/Roller: 150 – 200 sq. ft. per gal. (3.7 – 4.9 m²/l)

BONDING TIME RANGE:
Depends on temperature, humidity and application rate.
0 – 20 minutes

SERVICE TEMPERATURE LIMITS:
Temperature at coated surface.
-20°F to 200°F (-29ºC to 93ºC)

FLAMMABILITY:
No flash to boiling (over 200°F, 93ºC)

SURFACE BURNING CHARACTERISTICS (ASTM E84):
Flame Spread: 15
Smoke Developed: 0
Tested at coverage rate of 200 sq. ft. per gal. (4.9 m²/l).
Applied to 1/4 inch (6.4 mm) inorganic reinforced cement board. The flame spread may vary at different product thicknesses and/or when applied over other surfaces.

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Visit us on the web at www.fosterproducts.com

FOSTER SPARK-FAS® WB ADHESIVE

FOSTER SPARK-FAS® WB Adhesive is a high tack, rapid-setting, water-based adhesive used to adhere fibrous glass or mineral wool insulations (up to 6 lbs. density) to painted or unpainted steel, galvanized or aluminum air conditioning or hot air ducts. A synthetic elastomer emulsion, it is non-flammable when wet and extremely fire-resistant when dry. Its consistency resists dripping and spattering.

SPARK-FAS® WB Adhesive is ideal for bonding fibrous glass and rigid plastic foam insulations to wood, concrete or other materials of construction.

SPARK-FAS® WB Adhesive meets ASTM C916, Type 1 (ASC-A-7001, Type 1) requirements.

SPARK-FAS® WB Adhesive meets MIL-A-3316C, Class 2, Grade A requirements, and is listed on the QPL.

SPARK-FAS® WB Adhesive meets NFPA 90A and 90B 25/50 requirements.

SPARK-FAS® WB Adhesive meets requirements for LEED IEQ 4.1 Low-Emitting Materials, Adhesives and Sealants.
VOC: 66 g/l, less water and exempt solvents.

SPARK-FAS® WB Adhesive contains no asbestos, lead, mercury, or mercury compounds.

LIMITATIONS
Store and apply between 40°F (4ºC) and 100°F (38ºC), protect from freezing until dry.

Always test plastic foam insulation for warpage when using a water-base adhesive.

Overhead applications may require mechanical fasteners.

Not suggested for use between two impermeable surfaces.
APPLICATION GUIDE
FOR
FOSTER SPARK-FAS® WB ADHESIVE
85-70

MATERIAL PREPARATION
Stir well, DO NOT THIN. Apply only to clean, dry, oil-free surfaces. Keep container closed when not in use.

APPLICATION
Apply the SPARK-FAS® WB Adhesive to the surface uniformly at 250 – 400 sq. ft. per gal. (6.1 – 9.8 m²/l). While still wet, press the insulation into place, making sure that complete contact is made with applied adhesive.

BRUSH/ROLLER
Use clean equipment suitable for water-based paints. Apply SPARK-FAS® WB Adhesive to metal surface uniformly. Press insulation into place, making sure that complete contact is made with applied adhesive.

SPRAY
SPARK-FAS® WB Adhesive can be easily applied, with a paint-like spray pattern, using a variety of conventional air atomizing and airless spray equipment.

The following equipment combinations are suggested:

<table>
<thead>
<tr>
<th>SPRAYGUN</th>
<th>FLUID</th>
<th>AIR</th>
<th>FLUID</th>
<th>ATOMIZATION</th>
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</thead>
<tbody>
<tr>
<td>Binks</td>
<td>62</td>
<td>63</td>
<td>66SD</td>
<td>25-25 psi</td>
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<tr>
<td>DeVilbiss</td>
<td>JGA</td>
<td>FX</td>
<td>770</td>
<td>20-25 psi</td>
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<tr>
<td>Graco</td>
<td>Siphon</td>
<td>0.070</td>
<td>208765B</td>
<td>Siphon</td>
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</tbody>
</table>

For spray equipment information, please contact your spray equipment supplier. Average viscosity range: 5000-8000 cps. Corrosion resistant pumps and fittings are suggested.

CLEAN UP
To clean up, use warm soapy water if still wet. When dry, use mineral spirits (flammable) or chlorinated solvent (non-flammable).

DATA REPORTED FROM ASTM E84 FIRE TEST (TUNNEL TEST)

<table>
<thead>
<tr>
<th>ADHESIVES</th>
<th>H.B. Fuller Company</th>
</tr>
</thead>
<tbody>
<tr>
<td>Surface Burning Characteristics</td>
<td></td>
</tr>
<tr>
<td>1/4 inch (6.4 mm) Inorganic Reinforced Cement Board</td>
<td></td>
</tr>
<tr>
<td>Surface Flame Spread:</td>
<td>15</td>
</tr>
<tr>
<td>Smoke Developed:</td>
<td>0</td>
</tr>
<tr>
<td>Number of Coats:</td>
<td>1</td>
</tr>
<tr>
<td>Rate per Coat (sq. ft. per gal.):</td>
<td>200</td>
</tr>
</tbody>
</table>

CUSTOMER SERVICE: 800-832-9002

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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 twelve months from date of shipment to the original purchaser or as otherwise provided on the certificate of analysis.

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