Description
Owens Corning’s Insulating Foam Sealant Big Gap is a multi-purpose one-component polyurethane foam. The propellant/blowing agents are non-ozone depleting (non-CFC, non-HCFC). Insulating Foam Sealant is designed to fill and seal cracks, crevices, and smaller cavities on flat or irregular surfaces. The foam forms a weather-tight seal and minimizes drafts and insect entry. The Big Gap Insulating Foam Sealant is intended for gaps, cracks, and voids greater than 1 inch.

Features
- 12 oz. can of a 1-component polyurethane.
- Non-ozone depleting hydrocarbon propellant.
- Will adhere to most building materials (exceptions: Teflon, silicone, oils and greases, mold release agents, and similar surfaces).
- Interior/exterior use.
- Light yellow foam.
- Tack free in five minutes.
- Cuttable in less than an hour.
- Fully cured within 24 hours depending upon moisture and temperature conditions.

Benefits
- Seals gaps, cracks, and voids around the home to reduce dust, pests, and air infiltration.
- For gaps greater than 1 inch.
- Can be sanded, painted, or stained once cured.
- UL Classified.
- Water resistant and will not harm electrical wire insulations, Romex, rubber, PVC, polyethylene, or other plastics.
- May be applied in hot or cold conditions (optimum temperature range between 65°F to 80°F; 18°C to 27°C), as long as the working chemical temperature is maintained.
- When cured, polyurethane foam is permanent, chemically inert, non-reactive and stable for an indefinite period of time.
- Cured foam is dimensionally stable between -200°F to +240°F (-128°C to 115°C).

Warnings and Precautions
- Extremely flammable aerosol compressed gas, contains isocyanate. Vapors may cause a flash fire. Keep away from sources of heat, sparks, and sources of ignition. Turn off all pilot lights. The ingredients in the cured foam sealant will support combustion and may present a fire hazard if exposed to a fire or excessive heat above 240°F (116°C).
- Avoid contact with skin and eyes. Lung, skin, and eye irritant. Avoid prolonged or repeated breathing of vapors.
- Use only in well ventilated areas or with a NIOSH approved respirator.
- Contains isocyanates which may cause sensitization by inhalation and/or direct skin contact.
- Wear safety glasses, nitrile gloves and clothing that protects against exposure to the skin.
- Do not puncture, incinerate, or store can above 120°F (49°C). Product is extremely sticky and difficult to remove from all surfaces.
- KEEP OUT OF REACH OF CHILDREN.

First Aid:
- EYES: Immediately flush with water for at least 15 minutes.
- SKIN: Remove contaminated clothing. Wash skin with plenty of soap & water. Cured foam must be removed mechanically.
Insulating Foam Sealant
Big Gap Filler

Product Data Sheet

• INHALATION: If breathing is difficult, give oxygen. If breathing has stopped, CALL 911 and give artificial respiration.

• INGESTION: Give 1-3 glasses of water. DO NOT induce vomiting.

• See Material Safety Data Sheet for further information.

• Contents: polymeric diisocyanate, hydrocarbon blowing agent, and polyol.

• In any first aid case CONSULT A PHYSICIAN.

Installation

• This product is extremely flammable during dispensing and cure. Read precautions carefully.

• Use only in well ventilated areas or with a NIOSH approved respirator.

• Wear safety glasses, nitrile gloves, and clothing to cover skin.

• Read all instructions and safety information (MSDS) prior to use of any product.

• Wet chemical in the foam contains polymeric diisocyanates, which are hazardous.

• Provide sufficient cross-ventilation to remove any build-up of vapors.

• Keep away from heat, sparks, and sources of ignition. Do not expose to temperatures above 120 °F (49°C).

• Vapors may cause flash fire if ignited.

• Contents are under pressure.

• Do not puncture or incinerate.

• Do not place in hot water or near radiators, stoves, or other heat sources, or store above 120°F (49°C).

• Store in cool, dry area. Excessive heat can cause premature aging of components resulting in a shorter shelf life.

• Expiration date on the bottom of the can.

Preparation for use

• Optimum temperature for use is between 65-80°F (18-27°C).

• Clean surfaces to be foamed from dust, grease and oil.

• Cover surrounding surfaces that are not to be foamed.

• Shake can well before using.

• Screw nozzle adapter onto valve stem, being careful not to activate valve.

Application

• After following set-up instructions, cans are ready to use.

• Dispense slowly. With valve end of can down, slowly press trigger to dispense foam. Test on experimental surface, e.g. cardboard.

• Fill cavity only ½ full with foam to allow for expansion. During the curing process, the foam will expand up to 200%.

• Overfilling can buckle substrates.

• Dries tack-free in approximately five minutes, cuttable within one hour, cures in 12-24 hours.

• Do not disturb uncured foam.

• Cured foam can be trimmed or sanded.

• Cured foam exposed to sunlight must be covered with paint or stain.

• Store upright in dry area. Leave nozzle on can. To reuse, cut 1" (3 cm) off nozzle tip.

• YIELD OF 12 OUNCE CANS:

  • ¼ inch (6.3 mm) BEAD = 1996 ft. (608 m)

  • 3/8 inch (9.5 mm) BEAD = 867 ft. (270 m)

  • ½ inch (12.7 mm) BEAD = 449 ft. (152 m)

  • Based on theoretical calculations, for comparison purposes, and will vary depending on ambient conditions and particular applications.

Clean Up

• Uncured foam may be removed with nail polish remover containing acetone and washing with soap and water. Try in a hidden area first to ensure that the solvent does not stain, discolor or damage the material.

• Cured foam can only be removed mechanically.
Always read all operating, application and safety instructions before using any products. Use in conformance with all local, state, and federal regulations and safety requirements. Failure to strictly adhere to any recommended procedures and safety precautions shall release the manufacturer of all liability with respect to the materials or the use thereof.

**Limited Warranty:**
The Manufacturer is warranted only that it shall meet its specifications. This warranty is in lieu of all written or unwritten, expressed or implied warranties and the manufacturer expressly disclaims any warranty of merchantability, or fitness for a particular purpose. The buyer assumes all risks whatsoever as to the use of the material. Buyer’s exclusive remedy to any breach of warranty, negligence or other claim shall be limited to the replacement of the material. Failure to strictly adhere to any recommended procedures shall release the manufacturer of all liability with respect to the materials or the use thereof. User of this product must determine suitability for any particular purpose, including, but not limited to, structural requirements, performance specifications and application requirement prior to installation and after product is applied.

### Typical Physical Properties

<table>
<thead>
<tr>
<th>Performance Attribute</th>
<th>Test Method</th>
<th>Nominal Value/Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Core Density</td>
<td></td>
<td>1.1 lb./ft.³ (17.6 kg/m³)</td>
</tr>
<tr>
<td>Air Barrier Properties</td>
<td>ASTM E 283</td>
<td>&lt; 0.01 cfm/ft.³ (0.05 L/s/m²)</td>
</tr>
<tr>
<td></td>
<td>@6.24 psf (100 Pa)</td>
<td>&lt;0.0025 cfm/ft.³ (0.0125 L/s/m²)</td>
</tr>
<tr>
<td></td>
<td>@1.57 psf (75 Pa)</td>
<td></td>
</tr>
<tr>
<td>Closed cell content</td>
<td>ASTM D 2856</td>
<td>&gt; 70%</td>
</tr>
<tr>
<td>Tack-Free time</td>
<td></td>
<td>Approx. 5 minutes</td>
</tr>
<tr>
<td>70 °F (21 °C), 40% RH</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cure time</td>
<td></td>
<td>12-24 hours</td>
</tr>
<tr>
<td>Cuttable</td>
<td></td>
<td>&lt; 1 hour</td>
</tr>
<tr>
<td>(⅛” bead at room temperature conditions)</td>
<td></td>
<td></td>
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<tr>
<td>Yield</td>
<td></td>
<td>¼” bead: 1,996 ft. (608 m)</td>
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<tr>
<td></td>
<td></td>
<td>½” bead: 987 ft. (270 m)</td>
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<tr>
<td></td>
<td></td>
<td>½” bead: 499 ft. (152 m)</td>
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<tr>
<td></td>
<td></td>
<td>Volume: 0.68 ft.³ (19 liters)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Based on theoretical calculations for comparison purposes and will vary depending upon ambient conditions, actual in-place density and particular application</td>
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### Approvals/Standards
Owens Corning’s Insulating Foam Sealant Big Gap is approved by the following Classifications, Codes, and Standards:

<table>
<thead>
<tr>
<th>Standard</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>UL Classified – File # R26533 Caulking and Sealants</td>
<td>ASTM E-84 (12.5%) Flame Spread: 25 Smoke Developed: 50</td>
</tr>
<tr>
<td>Ozone Depletion Potential (ODP)</td>
<td>Contains non-ozone depleting hydrocarbon propellant</td>
</tr>
<tr>
<td>VOC content</td>
<td>Contains less than 20% by weight VOCs</td>
</tr>
<tr>
<td>NFPA 30B Classification</td>
<td>Level 2 Aerosol</td>
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</table>
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