SprayEZ - 2000 Closed Cell Foam

**PRODUCT TYPE:** SprayEZ-2000™ is a two-component, medium density, one to one by volume spray applied polyurethane foam. To produce SprayEZ-2000™ requires the use of an “A” component (ISO) and a blended “B” component (RESIN) which contains ZERO Ozone Depleting blowing agents, catalysts, polyols and fire retarding materials.

**GENERAL PROPERTIES:** SprayEZ-2000™ is a 2.0 LB density closed cell insulating material. SprayEZ-2000™ is designed for use where insulation systems require superior air barrier characteristics along with the ability to minimize moisture infiltration. SprayEZ-2000™ has a 6.7 per inch R-value rating while providing structural enhancement due to its rigid nature when cured. When properly installed by a trained contractor SprayEZ-2000™ quickly expands to fill the cracks, crevices, gaps and voids that exist in every structure. In addition SprayEZ-2000™ will conform to the curves, irregular surfaces and spaces to form a superior thermal envelope around your entire structure.

**RECOMMENDED USES:** SprayEZ-2000™ is an insulation system designed for use in residential, commercial and industrial applications. Use in lieu of more traditional forms of insulating materials such as fiberglass, cellulose or other loose fill products. Typical area’s where spray polyurethane foam is applied are; exterior walls, vented and un-vented attic assemblies, between floors, etc. Additional uses of this closed cell product are foundations, crawlsspaces, HVAC ducts, fluid tanks, cold storage units, etc.

**THERMAL BARRIER:** Current International Residential Code (IRC) and International Building Code (IBC) require that spray polyurethane foam be separated from the building interior by an approved 15-minute thermal barrier or a code approved alternative. Gypsum board at a minimum thickness of 1/4” is an approved 15-minute thermal barrier. The following intumescent coatings when installed per manufacturer specifications are approved as thermal barrier alternatives for SprayEZ-2000™: DC315™ manufactured by Fireproof Technology, Inc. and Flame Seal-TB™ manufactured by Flame Seal Products, Inc.

**IGNITION BARRIER:** SprayEZ-2000™ meets the requirements of ICC-ES AC377 and Appendix X for use in attics and crawlsspaces without the use of an ignition barrier. Explanation of these requirements is available at www.iccsafe.org.

**EQUIPMENT AND APPLICATION PARAMETERS:** The values represented in the Equipment and Application Properties Chart provides initial optimum settings. Actual operating ranges will vary as ambient air, humidity, moisture and substrate temperatures vary. Extreme conditions will affect the yield, adhesion and cured physical properties of the foam. Applicator must make adjustments as conditions vary.

**STORAGE:** Shelf life is six (6) months from date of manufacture when stored in original unopened containers between the temperatures of 65°F to 85°F.

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<td><strong>Closed Cell Content</strong></td>
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The information herein is to assist customers in determining whether our products are suitable for their applications. Customer assumes full responsibility for quality control, testing and determination of suitability of product for its intended use or application. Spray Equipment and Coatings Inc. warrants only that the material shall meet its specifications; this warranty is in lieu of all other written, expressed or implied warranties and Spray Equipment and Coatings Inc. expressly disclaims any warranty of merchantability, fitness for a particular purpose, or freedom from patent infringement. Accordingly, buyer assumes all risks whatsoever as to the use of the material. Buyer’s exclusive remedy as to any breach of warranty, negligence or other claim shall be limited to the purchase price of the material. Failure to adhere to any recommended procedures shall relieve Spray Equipment and Coatings Inc. of all liability with respect to the material or the use thereof.
General Information

Application Guidelines

SprayEZ-2000™ is suitable for application to most construction materials including wood, masonry, concrete, and metal. All surfaces to be sprayed with foam should be clean, dry and free of dew or frost. All metal to which the foam is to be applied must be free of oil, grease, etc. Two (2) inches should be the maximum thickness of each pass. Allow ten minutes between each pass to allow for cooling. Multiple layers can be applied to reach the desired thickness and R-value.

Substrate temperature at the time of the SprayEZ-2000™ application should be between 50°F to 120°F; the warmer the surface, the better the adhesion. When substrates to be sprayed are cooler than 50°F, a half inch pass should be applied to provide a thermal break. Follow with a second pass soon as the original pass is no longer tacky to the touch. For service temperatures in the range of 120°F to 180°F, the substrate to be sprayed should be 120°F or above at the time of spraying.

As with all spray polyurethane foam systems, improper application techniques should be avoided. Examples of improper techniques include, but are not limited to, excessive thickness of spray polyurethane foam, off ratio material and spraying into or under rising foam. Potential results but are not limited to, excessive thickness of spray polyurethane foam, techniques should be avoided. Examples of improper techniques include, etc. Two (2) inches should be the maximum thickness of each pass. Allow ten minutes between each pass to allow for cooling. Multiple layers can be applied to reach the desired thickness and R-value.

Finished Foam Protection

The finished surface of the sprayed polyurethane foam should be protected from the adverse effects of direct exposure of ultraviolet light from the sun. This exposure will cause dusting and discoloration. Protective coatings designed for use with polyurethane foams are available from SprayEZ.

Safe Handling of Liquid Components

When removing bungs from containers use caution, contents may be under pressure. Loosen the small bung first and let any built up gas escape before completely removing. The resin “B” component will froth at elevated temperatures. Avoid prolonged breathing of vapors. In case of chemical contact with eyes, flush with water for at least 15 minutes and get medical attention. For further information refer to “MDI-Based Polyurethane Foam Systems: Guidelines for Safe Handling and Disposal” publication AX-119 published by the Alliance For The Polyurethanes Industry, Arlington, VA.

Health and Safety

Due to the reactive nature of these components respiratory protection is mandatory. The vapors and liquid aerosols present during application and for a short period thereafter must be considered – and appropriate protective measures taken – to minimize potential risks from overexposure through inhalation, skin, or eye contact. These protective measures include: adequate ventilation, safety training for installers and other workers, use of appropriate personal protective equipment, and a medical surveillance program. It is imperative that the applicator read and become familiar with all available information on proper use and handling of spray polyurethane foam. Additional information is available at spraypolyurethane.org, polyurethane.org, sprayfoam.com or by contacting the technical services department of Spray Equipment and Coatings, Inc.

Storage and Use of Chemicals

Cold chemicals can cause poor mixing, pump cavitations, or other process problems due to higher viscosity at lower temperatures. Storage temperatures should be 65°F to 85°F for several days before use, and should not exceed 90°F. Do not store in direct sunlight. Keep drums tightly closed when not in use and under dry air or nitrogen pressure of 2-3 psi after they have been opened. Shelf life is six (6) months from date of manufacture when stored in original unopened containers at 65°F to 85°F. Store in a dry and well-ventilated area.

Your Local Authorized Contractor

SprayEZ-2000™ Spray Polyurethane Foam
2.0lb Density · ICC ESR - 3081
For Professional Use Only

SprayEZ Equipment and Coatings

850709 U.S. Hwy 17
Yulee, Florida 32097
877-772-9629
sales@sprayez.com
904-225-1048-Fax