

Description

The B-3008 is a high solids, single component, moisture cure polyurethane elastomer coating uniquely formulated for the protection of spray polyurethane foam insulation and traditional roofing substrates, such as single ply membrane and BUR surfaces. Once cured this liquid applied moisture-curing polymer provides a durable, seamless, flexible, waterproof membrane that resists lateral movement, shear and will allow for normal expansion and contraction.

Features

- **Durable**

High tensile strength and abrasion resistance.

- **Waterproof**

Prevents the penetration of water due to its lower moisture vapor permeability values.

- **Seamless**

Ideal for vertical and horizontal surfaces.

- **Adhesion**

Excellent adhesion to most surfaces.

- **Economical**

One coat application.

Packaging

1 Gallon (3.78 Liter), 5 gallon(18.93 Liters), 55 gallon
(Net fill 50 gallons/189 Liters)

Mixing

Before application, mix using a mechanical mixer at slow speeds until a homogeneous mixture and color is obtained.

Application

Apply evenly to clean, dry sound surfaces free from loose particles or other foreign matter. For best results, airless sprayer, medium nap roller or soft brushes.

Coverage Rate:

On smooth flat roof surfaces apply at the 50 square feet per gallon to yield 25 dry mil.

Curing

At 70°F (21°C) and 50% relative humidity, allow each coat to cure a minimum of 16 hours between each coat.

Allow a minimum of 24 hours before permitting light foot traffic and at least 72 hours before allowing heavy foot traffic on the finished surface.

If more than 48 hours passes between coats. The surface must be primed prior to proceeding with the next coat. Contact IPP for the appropriate primer.

The B-3008 is very sensitive to heat and moisture. Higher temperatures and/or high humidity will accelerate the cure time. Use cautions when high temperatures and/or high humidity are present.

Low temperature and/or low humidity will extend the cure times.

Cleanup

Equipment should be cleaned with an environmentally safe solvent, as permitted under local regulations, immediately after use.

Storage

B-3008 has a shelf life of three months from the date of manufacture in original, factory sealed containers.

Limitations

Surfaces must be dry, clean and free from foreign matter.

Cured surface may be slippery when wet

Containers that have been opened must be used as soon as possible.

Do not apply if ambient temperatures falls below 50° F. **Do not dilute under any circumstances.**

Technical Data

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| Hardness, ASTM D-2240..... | 69 Shore A |
| Tensile strength | 1100 PSI ± 25 PSI |
| Elongation..... | 350% ± 50% |
| Permeability..... | 0.02Perm inch |
| Total solids by weight, ASTM D-1644..... | 79 ± 2% |
| Total solids by volume, ASTM D-2697..... | 74 ± 2% |
| Viscosity @ 75°F (24°C)..... | 3000 ± 1000 cP |
| Water absorption..... | 1.6% |
| Adhesion..... | Exceeds Tensile |
| Weight per gallon..... | 8.5 lb per gal ± 2% |
| Flash Point..... | 93°F |
| Shelf life..... | 90 Days @ 40° - 90° F |
| Service Temperature..... | -50° - 200° F |
| Cure times..... | Dry to touch: 6 hrs Tack Free: 12-16 hrs Recoat: 12-16 hrs |
| Solar Reflectance..... | 87% |
| Thermal Emittance..... | 91% |

Please read all information in the general guidelines, product data sheets, guide specifications and material safety data sheets (SDS) before applying material. Published technical data and instructions are subject to change without notice. Contact your local IPP representative or visit our website for current technical data and instructions.

LIMITED WARRANTY

IPP warrants its products to be free of manufacturing defects and that they will meet IPP current published physical properties. IPP warrants that its products, when properly installed by a state licensed waterproofing contractor according to IPP guide specifications and product data sheets over a sound, properly prepared substrate, will not allow water migration for a period of 12 months. Seller's sole responsibility shall be to replace that portion of the product which proves to be defective. There are no other warranties by IPP of any nature whatsoever expressed or implied, including any warranty of merchantability or fitness for a particular purpose in connection with this product. IPP shall not be liable for damages of any sort, including remote or consequential damages resulting from any claimed breach of any warranty whether expressed or implied. IPP shall not be responsible for use of this product in a manner to infringe on any patent held by others. In addition, no warranty or guarantee is being issued with respect to appearance, color, fading, chalking, staining, shrinkage, peeling, normal wear and tear or improper application by the applicator. Damage caused by abuse, neglect and lack of proper maintenance, acts of nature and/or physical movement of the substrate or structural defects are also excluded from the limited warranty. IPP reserves the right to conduct performance tests on any material claimed to be defective prior to any repairs by owner, general contractor, or applicator.

DISCLAIMER

All guidelines, recommendations, statements, and technical data contained herein are based on information and tests we believe to be reliable and correct, but accuracy and completeness of said tests are not guaranteed and are not to be construed as a warranty, either expressed or implied. It is the users responsibility to satisfy himself, by his own information and test, to determine suitability of the product for his own intended use, application and job situation and user assumes all risk and liability resulting from his use of the product. We do not suggest or guarantee that any hazard listed herein are the only ones which may exist. Neither seller nor manufacturer shall be liable to the buyer or any third person for any injury, loss or damage directly or indirectly resulting from use of, or inability to use, the product. Recommendations or statements, whether in writing or oral, other than those contained herein shall not be binding upon the manufacturer, unless in writing and signed by a corporate officer of the manufacturer. Technical and application information is provided for the purpose of establishing a general profile of the material and proper application procedures. Test performance results were obtained in a controlled environment and IPP makes no claim that these tests or any other tests, accurately represent all environments.