

EVER-THANE® BASE

Single Component Aromatic Urethane Cool Roof Base Coat

TECHNICAL DATA SHEET

Ever-Thane Base is a versatile, multi-purpose aromatic single-component, fire retardant, moisture cured, liquid polyurethane coating designed for use as a base coat or for repair work on a variety of mature roof systems: spray polyurethane foam, single-ply, metal, built-up roofs, modified bitumen, and concrete.

FEATURES & BENEFITS

Ever-Thane Base provides a host of advantages. It is quick, easy to apply, and saves on labor cost. As a maintenance coating, it can be used to coat an entire roof system, make spot repairs, or provide additional protection when integrated with a reinforcement fabric.

Ever-Thane Base provides exceptional resistance to chemicals, acids, oils, and other pollutants, all of which can affect and reduce the life of a roof system. When used as part of the Ever-Thane Cool Roof Restoration System, Ever-Thane Base provides a cost-effective, cost-saving, eco-friendly approach to extending the life of an existing roof system.

TYPICAL USES

Ever-Thane Base can be applied to aged or cured single-ply, metal, spray polyurethane foam, built-up, modified bitumen, and concrete roof systems either as part of a complete roof system or as part of a maintenance or repair program. All Everroof® products are to be used and applied with reference to and in conjunction with Everroof® Guidelines and Specifications.

COLOR

Blue

COVERAGE

Ever-Thane Base has a theoretical dry film thickness of 24 mils when applied at 1 1/2 gallon per 100 square feet.

PACKAGING

1-Gallon Can
5-Gallon Pail
55-Gallon Drum

STORAGE AND STABILITY

Keep containers closed, store in a dry, cool place away from heat, sparks, open flame, and moisture. Ever-Thane Base has a maximum shelf life of one year when stored at temperatures between 40°F and 80°F (4.44°C and 27°C). Caution should be exercised to prevent material from freezing.

MIXING

Review all technical data sheets, system sheets, labels, instructions, SDS, and Guide Specifications before mixing

TECHNICAL DATA (BASED ON DRAW DOWN FILM)

Property	Test Method	Results
Durometer Hardness Shore A	ASTM D2240	50 ± 5
Tear Strength (pli)	ASTM D624	100
Tensile Strength (psi)	ASTM D2370	500 ± 100
Specific Gravity	ASTM D412	1.42 ± 0.2
Total Solids by Weight (%)	ASTM D2697	86 ± 3
Total Solids by Volume (%)	ASTM D2697	84 ± 3
Viscosity (cps)		4000 - 6000
Volatile Organic Compounds (gms/liters)	ASTM D2369-81	50

and applying. Mix Ever-Thane Base 55 gallon drums and 5 gallon pails with a variable speed drill utilizing a jiffy mixer to suspend any settled pigments until a uniform color and consistency is attained. Mixing time will vary based on temperature and atmospheric conditions.

APPLICATION

Prior to coating any surface, be sure the coating will adhere by performing an adhesion test (ASTM D903). Coating may be applied by brush, roller, or airless spray equipment (see Everroof's Spray Application Guide). Do not apply when temperatures are below 40°F (4.4°C) or when precipitation is in the forecast within 48 hours. Spray application is not recommended below 50°F (10°C). In areas where the roof is subject to foot traffic, it is recommended to apply walkway pads for added protection and slip resistance. As an option consider using Ever-Thane Accelerator for faster cure times and labor savings. Ever-Thane Base is very sensitive to heat and moisture. Higher temperatures and/or high humidity will accelerate cure time, therefore, use caution in batch sizes and thickness of application.

MAINTENANCE

Periodic maintenance of Ever-Thane Roofing Systems ensures extended performance and reduces life cycle costs.

EVERROOF®

TECHNICAL SERVICES

Additional information, product brochures, and guide specifications are available. Roof energy evaluations, life cycle cost analysis, and other roof management services are also available from an Everroof® Technical Consultant.

PERSONAL PROTECTIVE EQUIPMENT

Since Ever-Thane Base is atomized into a very fine particle distribution during spray application, it is essential that maximum effort is made to protect the spray mechanic and others near the workplace from undue exposure.

The best form of protection against organic solvents is the use of Type C organic vapor cartridge respirators. To prevent excessive skin contact with the sprayed product, we recommend use of fabric coveralls and neoprene or other resistant gloves. Wear safety glasses or OSHA-approved protective goggles.

JOB-SITE PROTECTION

Overspray from Ever-Thane Base can carry considerable distances and attention should be given to the following:

1. Post warning signs a minimum of 100 feet from the work area.
2. Cover all intake vents near the work area.
3. Minimize or exclude all personnel not directly involved with the spray application.
4. No welding, smoking or open flames.
5. Have CO₂ or other dry chemical fire extinguisher available at the job-site.
6. Provide adequate ventilation.

HEALTH AND SAFETY

Everroof® is committed to the health and safety of our customers. Everroof® products shall only be installed by certified contractors. Applicators are required to follow all proper handling, safety and installation procedures. Safety Data Sheets (SDS) are available on this material. Any individual who may come in contact with these products should read and understand the SDS.

VAPOR INHALATION

Effects of overexposure to vapor are characterized by nasal and respiratory irritation, dizziness, nausea, headache, fatigue, possible unconsciousness or even asphyxiation. Vapor inhalation problems are characterized by coughing, shortening of breath and tightness in the chest. Anyone exhibiting these types of symptoms should be immediately removed from the workplace and administered oxygen or fresh air. If the condition is prolonged or extreme, SUMMON EMERGENCY TRAINED MEDICAL ATTENTION IMMEDIATELY.

SKIN CONTACT

Skin contact with liquid components can result in a rash or other irritation. Wash the affected skin area with water. Wipe residual liquid from the skin with a clean cloth, then wipe the affected area with 30% solution of rubbing alcohol. Follow the alcohol wipe with repeated washings with soap and water. If a rash or other irritation develops, see a physician.

EYE CONTACT

Eye Contact with liquid or sprayed components can result in corneal burns or abrasions. Upon exposure, eyes should be flushed with water for an extensive period. SUMMON EMERGENCY TRAINED MEDICAL ATTENTION IMMEDIATELY.

Please read all information in the general guidelines, technical data sheets, application guide, and safety data sheets (SDS) before applying material. Published technical data and instructions are subject to change without notice. Contact your local EVERROOF® representative or visit our website for current technical data and instructions. DISCLAIMER: All guidelines, recommendations, statements and technical data contained herein are based on information and tests that EVERROOF® believes 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 user's responsibility to satisfy himself, by his own information and tests, to determine suitability of the product for his own intended use, application and/or situation and user assumes all risk and liability resulting from his use of the product(s). EVERROOF® does not suggest or guarantee that any hazards listed herein are the only ones that may exist. EVERROOF® shall not be liable to the user or any third party for any injury, loss, damage, or costs directly or indirectly resulting from use of, or inability to use, the product(s). Recommendations or statements, whether verbal or in writing, other than those contained herein shall not be binding upon EVERROOF®, unless in writing and signed by an authorized corporate officer. 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 EVERROOF® makes no claim that these tests or any other tests, accurately represent all environments. Not responsible for typographical errors. REV20210105.EA