EVER-THANE® BASE GRAY

Aromatic Urethane Cool Roof Base Coat

TECHNICAL DATA SHEET

Ever-Thane Base Gray is a versatile, multi-purpose aromatic single-component, moisture cured, liquid urethane 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 AND BENEFITS

Ever-Thane Base Gray 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 Gray 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 a system, Ever-Thane Base Gray provides a cost-effective, eco-friendly approach to extending the life of an existing roof system.

TYPICAL USES

Ever-Thane Base Gray 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's® Guidelines and Specifications.

COLOR

Gray

PACKAGING

5-Gallon Pail

55-Gallon Drum

COVERAGE

Ever-Thane Base Gray has a theoretical wet film thickness of 24 mils when applied at 1.5 gallon per 100 square feet. Coverage rate will depend on surface roughness and porosity.

STORAGE AND STABILITY

Keep containers closed, store in a dry, cool place away from heat, sparks, open flame, and moisture. Ever-Thane Base Gray 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 and applying. Mix Ever-Thane Base Gray 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.

TECHNICAL DATA (BASED ON DRAW DOWN FILM)

Property	Test Method	Results
Hardness Shore A	ASTM D2240	50 ± 5
Tear Strength (pli)	ASTM D624	100
Tensile Strength (psi)	ASTM D412	500 ± 100
Elongation (%)	ASTM D412	500 ± 100
Specific Gravity		1.42 ± 0.02
Total Solids by Weight (%)	ASTM D2369	86 ± 3
Total Solids by Volume (%)	ASTM D2697	84 ± 3
Viscosity @ 77°F (25°C) (cps)		4000 - 6000
Volatile Organic Compounds (gms/liters)	ASTM D2369-81	50

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 Gray 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.

EVERROOF

CURING

At 75°F (24°C) and 50% relative humidity, allow each coat to cure 16 hours between each coat. Cure time will vary depending on temperature and humidity.

Allow 24 hours before permitting light pedestrian traffic on to the finished surface. If more than 48 hours passes between coats, re-prime the surface with Everroof Primer U11 before proceeding.

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.

Uncured Ever-Thane Base Gray is very sensitive to heat and moisture. Higher temperatures and/or high humidity will accelerate the cure time. Low temperatures and/or low humidity will extend the cure time. Use caution in batch sizes and thickness of application.

If accelerated curing is required, add one quart (0.95 liter) of Ever-Thane Accelerator in a 5 gallon pail Ever-Thane Base Gray and mix thoroughly. This accelerated Ever-Thane Color Coat 100 will cure in 6-8 hours at 75°F (24°C) and 50% relative humidity. The re-coat time with accelerator is reduced to 24 hours. If the re-coat window has passed, then solvent wipe the surface with VOC compliant solvent and re-prime surface with Everroof Primer U11 before proceeding to the next coat.

MAINTENANCE

Periodic maintenance of Everroof® Roofing Systems ensures extended performance and reduces life cycle costs.

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 Gray is atomized into a very fine particle distribution during spray application, it is essential that maximum effort is made to protect the spray applicator 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 OSHA-approved protective goggles.

JOB-SITE PROTECTION

Overspray from Ever-Thane Base Gray 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 CO_2 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.

LIMITED WARRANTY. We warrant our Products to be free of manufacturing defects and to comply with the Product's current published physical properties when tested under controlled conditions. Our sole responsibility is limited to replacement of that portion of any Products found to be defective at the time of manufacture. There are no other warranties of any nature whatsoever, whether expressed or implied, including an express disclaimer of any warranty of merchantability or fitness for a particular purpose. Further, we disclaim any liability for damages of any type, however caused, including remote, consequential damages, or special damages resulting from any theory of liability, whether based on tort, negligence, or strict liability. We disclaim responsibility for any claims of intellectual property infringement through use of our Products in any manner. No warranty or guarantee is issued with respect to appearance, color, fading, chalking, staining, shrinkage, peeling, abnormal wear and tear, or improper application by the applicator. Damage caused by abuse, neglect, lack of proper maintenance, acts of nature and/or physical movement of the substrate or structural defects are also excluded. In all instances and as a pre-condition to any available remedy, we reserve the right to conduct sample testing and performance analysis on any materials claimed to be defective, performed prior to any repairs being made by owner, general contractor, or applicator. Our limited warranty is void if repairs have been made or attempted, or if the claimed defect has been adulterated prior to our ability to conduct a formal investigative analysis.

DISCLAIMER: Please read all information in the general guidelines, technical data sheets, application guide and safety data sheets (SDS) before applying material. Products are for professional use only and should only be applied by professionals who have prior experience with our Products or have undergone specific training in their proper application. Published technical data and instructions are subject to change without notice. Contact your local representative or visit our website for current technical data and instructions. 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 these tests are not guaranteed and are not to be construed as a warranty, either expressed or implied, including any warranty of merchantability or fitness for a particular purpose in connection with any product. It is the user's responsibility to satisfy himself, by his own information and tests, to determine suitability of the Products for his own intended use, application and job situation and user assumes all risk and liability resulting from his own use of the Products. We do not suggest or guarantee that any hazards listed herein are the only ones that may exist. We are not liable to the purchaser, end-user, or any third party for any injury, loss or damage directly or indirectly resulting from use of, or inability to use, our Products. Recommendations or statements, whether verbal or in writing, shall not be binding upon us unless in writing and signed by one of our authorized corporate officers. Technical and application information is provided for establishing a general profile of the material and proper application procedures. Test performance results were obtained in a controlled environment and we make no claim that these tests or any other tests, accurately represent all environments. We are not responsible for typographical errors. Revision EVER-THANE BASE_GRAY_11282022.EA