

GC ULTRA-BOND 25

WATERBORNE MODIFIED ACRYLIC PRIMER

ULTRA-BOND 25 is a waterborne modified acrylic primer specifically designed as bleed blocking primer over modified bitumen and asphalt BUR roofs prior to the application of a new layer of Acrylic or Silicone top coat.

RECOMMENDED USES

- Asphalt BUR Surfaces
- Modified Bitumen Surfaces

PACKAGING

5-gallon pail

55-gallon drum

COLOR

Light Grey

TECHNICAL DATA

PHYSICAL PROPERTIES	
Coverage Rate*	New Asphalt Membrane (<5 Years) - 0.75-1 gallon per 100 square feet Aged Asphalt Membrane (>5 Years) - 0.5 gallon per 100 square feet Granule Surface (>5 Years) - 0.5 gallon per 100 square feet
Specific Gravity	1.24
Service Temperature	200°F (93°C)
Total Solids by Weight, ASTM D2369	56 ± 2%
Total Solids by Volume, ASTM D2697	39 ± 2%
Viscosity at 75°F (24°C), Part-A & Part-B Combined	300-400 cps
Volatile Organic Compound, ASTM D2369-81	1 g / L
Dry Time	2 hours
Recoat Time	4 hours
Time to Topcoat with Acrylic	4 hours
Time to Topcoat with Silicone	4 hours
*More may be required on granule alligatored or irregular surfaces. Two coats may be needed for complete coverage.	

REQUIREMENTS

Ultra-Bond 25 is a water based acrylic adhesive primer which should be applied only by trained or manufacturer-approved roofing experts familiar with the properties of this material.

EQUIPMENT

Ultra-Bond 25 primer is designed for airless or conventional spray equipment. It can also be applied using an airless sprayer, brush, or phenolic resin core roller

APPLICATION

Material may separate during storage, mechanically mix before using. Ultra-Bond 25 application rates will vary depending on substrates. When applied to areas that retain water for 48 hours or more, service life may be diminished and adhesion failure can be expected. Ultra-Bond 25 can be applied with airless spray equipment, brush, or roller.

Cleanup can be accomplished with either water or mineral spirits.

The preceding instructions can be considered guidelines only.

MIXING

Ultra-Bond 25 should be thoroughly blended using a mechanical mixer at slow speed or for at least 5 minutes if mixed by hand.

PERSONAL PROTECTIVE EQUIPMENT

Since Ultra-Bond 25 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 Ultra-Bond 25 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.

SHELF LIFE AND STORAGE

The shelf life of Ultra-Bond 25 is 12 months from the date of manufacture when stored in original unopened containers at temperatures between 50–75°F (10–24°C). Keep containers closed and store in a dry, cool place away from direct sunlight, heat, sparks, open flame, and moisture.

FREIGHT CLASSIFICATION

Liquid Plastic Material - NOIBN

HEALTH AND SAFETY

GCMC is committed to the health and safety of our customers. GCMC 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.**

TECHNICAL SERVICES

Additional information, such as brochures, technical assistance, and management services are also available from a General Coatings Manufacturing Corp. Technical Consultant.

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. Where Products are used as a waterproofing membrane or floor coating, 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.

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