



GT 6781 Epoxy Roofing Primer

Description

GT 6781 is a two part water-based epoxy primer that can also be used as a masonry block filler. This thixotropic, multi-purpose primer spreads easily and offers excellent adhesion to most properly prepared surfaces including: most metals, organic polymers, wood, masonry and smooth surfaces.

Recommended Applications

GT 6781 is specifically developed for priming BUR, galvanized metal, modified bitumen (smooth), PVC, SBS modified bitumen (granular) surfaces. This product should be used as an adhesion promoter for silicone roof coatings, other top coats and spray polyurethane foams.

Application Instructions

THINNING Thin with water up to 5% by volume if needed to extend the pot life.

MIXING Thoroughly mix parts A and B separately before combining. Then mix equal parts A (white) and B (blue) until you have a uniform (blue) consistency. Do not over mix. Do not cross mix with other coating components.

POT LIFE The pot life is 4 hours at 75 °F. This can be extended to 6 hours by thinning with water to achieve the original consistency. Pot life at 55 °F is doubled, but at 100 °F it is reduced to 90 minutes.

SURFACE PREP Surface must be clean and free from dirt, grease, oil, mold, algae, loose granules, loose paint, rust, excess chalk and other foreign matter which could affect adhesion.

APPLICATION PROCEDURE Use long nap (3/4 to 1") rollers when used as a block filler for porous concrete. If blow holes form as the primer dries, make a second pass with a relatively dry roller. Allow 8 to 10 minutes between passes. Use a 1/4" or 3/8" nap roller or nylon brush. Material can be sprayed using conventional equipment, but the applicator must take precautions against inhalation of particulate matter. Do not apply too thick, this will limit adhesion.

APPLICATION RATE Applied to a smooth surface, the coverage rate is 1-1.5 gallons per 100-150 square feet. Application rate can vary by project.

PROTECTIVE EQUIPMENT Use of a proper respirator is necessary.

Details of Cured Product	
<i>Weatherability</i>	Must apply top coat for exterior applications
<i>Chemical Resistance</i>	Good solvent resistance and excellent alkali resistance
<i>Hardness</i>	Hard coating after sufficient cure time
<i>Adhesion</i>	Excellent adhesion to most surfaces

Surface	Application Rate
PVC	1.0 gal/100 ft ²
Applied Mod. Bitumen Smooth	1.0 gal/100 ft ²
Applied Mod. Bitumen Granular	1.5 gal/100 ft ²
BUR	1.0 gal/100 ft ²
Galvanized Steel	1.0 gal/100 ft ²
Weathered EPDM	1.0-1.5 gal/100 ft ²
Weathered TPO	1.0-1.5 gal/100 ft ²

APPLICATION OF A TOP COAT Most top coats can be applied as soon as GT 6781 is thoroughly set. This degree of dryness is normally achieved in two to three hours. Best adhesion of most coatings are achieved when applied after GT 6781 has cured 1 to 3 days. It is not advised to wait longer than 7 days - primer cured over 7 days should be cleaned and re-primed prior to top coating.

PRODUCT LIMITATIONS Do not apply when it is raining or if the threat of rain or dew exists. This product is not for continual submersion in water. Do not apply to surfaces which are below 50 °F or above 130 °F without specific instructions from manufacturer.

Storage & Handling

CLEAN UP Clean up with water supplemented with soap or a small amount of vinegar. Methyl Ethyl Ketone is recommended for both cleaning and drying spray equipment in order to avoid corrosion.

PROTECTIVE EQUIPMENT Use of a proper respirator is necessary when sprayed. Chemical safety goggles and nitrile gloves are recommended.

STORAGE One year from date of manufacture. Store in a dry place between 60-90 °F. Protect from freezing in shipment and storage.

SAFETY

Please refer to GT 6781 Safety Data Sheet for complete safety and regulatory information.

The information, data, and suggestions contained herein are believed to be reliable, based upon our knowledge and experience; however, it is expressly declared that Seller does not guarantee the result to be obtained in Buyers' process. SELLER HEREBY EXPRESSLY DISCLAIMS ANY IMPLIED WARRANTY OF MERCHANTABILITY FOR FITNESS FOR A PARTICULAR PURPOSE AND/OR ANY OTHER WARRANTY, EXPRESSED OR IMPLIED as to any and all products and/or suggestions described herein, whether such products are used alone or in combination with other materials. Buyer must make its own determination of the suitability of a product for its use, and the completeness of any information contained herein. Nothing contained herein shall be construed to constitute inducement or recommendation to practice any invention covered by any patent without authority from the owner of the patent. Applicator is an independent contractor of, and should under no circumstances be viewed as an employee or agent of GT Products, Inc. or GT Products subsidiaries.