

POLYTUFF SYSTEMS INTERNATIONAL



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E-PRIME Single Component, Aromatic Urethane Polyurea Primer

DESCRIPTION

E-Prime is a single component, high solids, liquid applied primer with unique penetrating characteristics.

FEATURES

- ❖ High Solids
- ❖ Low Odor
- ❖ Fast Re-coat Time
- ❖ Low Viscosity
- ❖ Excellent Adhesion

TYPICAL USES

- ❖ Concrete
- ❖ Plywood

COLORS

Grey

PACKAGING

1 gallon (3.78 liter) can
5 gallon (18.9 liter) pail

MIXING

E-Prime should be thoroughly agitated to ensure a homogeneous material.

APPLICATION

E-Prime should be applied at the rate of 1 gallon/300 sq. ft. (0.14 liters/m²). It can be applied using an airless sprayer, brush, or phenolic resin core roller. Do not allow the material to puddle.

Allow E-Prime to dry at 70°F (21°C) and 50% relative humidity for one hour before applying the coating. Recommended surface temperature should be greater than 50°F (10°C) and at least 5°F above the dewpoint.

E-Prime is very sensitive to heat and moisture. Higher temperatures and/or high humidity will significantly accelerate the cure time. Use caution in batch sizes and thickness of application.

Low temperature and/or low humidity extend the cure time.

TECHNICAL DATA

Coverage Rate	1 gal/300 sq. ft. 0.135 l/m ²
Tack Free Time, 75°F (24°C) @ 50% R.H.	60-90 min.
Dry Film Thickness per Coat	4 ± 1 mils 101 ± 25 microns
Specific Gravity	1.19
Total Solids, Weight, ASTM D-2369	79%
Total Solids, Volume, ASTM D-2697	76.8%
Viscosity, at 75°F (24°C)	150 ± 50 cps
Volatile Organic Compounds, ASTM D-2369-81	0.604 lbs/gal 73 gm/liter

EQUIPMENT CLEANUP

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

STORAGE

E-Prime has a shelf life of one (1) year from date of manufacture in original, factory sealed containers.

The recommended storage temperature is 60-95°F (16-35°C).

LIMITATIONS

Not UV stable.

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

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

E-Prime is difficult to clean up after it has cured.

Do not dilute E-Prime.

WARNING

This product contains Isocyanate.

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

LIMITED WARRANTY

PSI warrants its products to be free of manufacturing defects and that they will meet PSI current published physical properties. PSI warrants that its products, when properly installed by a state licensed waterproofing contractor according to PSI 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 PSI of any nature whatsoever expressed or implied, luding any warranty of merchantability or fitness for a particular purpose in connection with this product. PSI shall not be liable for damages of any sort, luding remote or consequential damages resulting from any claimed breach of any warranty whether expressed or implied. PSI 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. PSI 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 PSI makes no claim that these tests or any other tests, accurately represent all environments.