POLY-TUFF SYSTEMS INTERNATIONAL

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TECHNICAL BULLETIN

P-TUFF™ CATALYST

Organometallic Liquid Catalyst

DESCRIPTION

P-Tuff™ Catalyst is a single component, proprietary, organometallic liquid catalyst which reduces the cold weather cure time of aromatic urethane polyurea coatings. P-Tuff™ Catalyst is added to P-Tuff™ Classic, P-Tuff™ Flex or P-Tuff™ SLV.

FEATURES

- Speeds Cure Time
- Allows Coatings to Be Applied in Cold Weather to 40-50°F

TYPICAL USES

P-Tuff™ Catalyst may be used to accelerate cure time in cold weather applications. Add one vial of P-Tuff™ Catalyst per one 5 gallon pail of P-Tuff™ base membrane. Do not add more than 3 vials of P-Tuff™ Catalyst per one 5 gallon pail of P-Tuff™ base membrane.

COLOR

Pink

PACKAGING

1 ounce vial of P-Tuff™ Catalyst per 5 gallon pail of P-Tuff™ Classic, Flex or SLV

1 quart (0.9 liter) can of P-Tuff™ Catalyst per 50 gallon drum of P-Tuff™ Classic, Flex or SLV

MIXING

Mix P-Tuff™ Catalyst into the P-Tuff™ base membrane by using a mechanical mixer (Jiffy Mixer) until a homogeneous mixture and color is obtained or for at least 5 minutes, if mixed by hand.

CURING

Under optimum conditions, coating will be ready for light traffic in 24 hours and heavy traffic within 72 hours. Re-coat window time is maximum 24 hours, beyond which surfaces must be re-primed.

TECHNICAL DATA

Specific Gravity	1.008
Total Solids by Weight, ASTM D-2369	100%
Total Solids by Volume, ASTM D-2697	100%
Viscosity at 75°F (24°C)	100 ± 50 cps
Volatile Organic Compounds, ASTM D-2369-81	0 lbs/gal 0 gm/liter

EQUIPMENT CLEANUP

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

STORAGE

P-Tuff™ Catalyst has a shelf life of one (1) year from date of manufacture in original, factory sealed containers.

LIMITATIONS

For use in cold temperatures only.

Excessive P-Tuff™ Catalyst will result in a reduction of the physical properties of the base membrane.

Adding excessive amounts of P-Tuff™ Catalyst may result in foaming.

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

Do not dilute under any circumstance.

WARNING

This product contains Curatives.

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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, including 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, including 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.

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