POLY-TUFF SYSTEMS INTERNATIONAL
HIGHWAY DIVISION

TuffPrep™

Non-Mechanical VOC Free Concrete Profiling Solution

1.01 DESCRIPTION
TuffPrep™ is a non-fuming, VOC free, non-hazardous, non-corrosive, biodegradable concentrate, concrete etch and cleaning solution. It is a great alternative to muriatic or phosphoric acids used to etch cementitious surfaces to achieve optimum bonding for stains, coatings, and sealers. Unlike the standard acids available, TuffPrep™ will not burn skin or corrode metals or require neutralizing. Please use the correct product grade that complies with VOC regulations as per federal, state, county and city regulations/codes at the place of installation of product.

1.02 USES
- Breezeways
- Cleaning of Tilt Walls
- Concrete Balconies
- Concrete Pool Decks
- Concrete Roof Decks
- Garage Floors
- Interior Parking Garages
- Parking Decks
- Penetrating Sealer Prep
- Preparation of Concrete for Coatings
- Sidewalks

1.03 FEATURES
- Bio-Degradable
- Environmentally Safe
- Low Odor
- No Neutralizing Required
- Non-Fuming
- Non-Hazardous
- Will Not Burn Skin

1.04 TECHNICAL DATA
Meets California VOC and SCAQMD Requirements

1.05 PACKAGING
1 gallon (3.78 liters) can
5 gallon (18.9 liters) pail

1.06 COLOR
Milky White

1.07 COVERAGE
Light Duty: 1/4-1/2 gallon (0.14-0.20 liters/sqm)/100 sqft or 150-200 sqft/ gallon

Medium Duty: 2/3-1 gallon (0.30-0.41 liters/sqm)/100 sqft or 100-150sqft/ gallon

Heavy Duty: 1-2 gallon (0.41-0.80 liters/sqm)/100 sqft or 50-100 sqft/ gallon

1.08 PREPARATION
Remove any mud or dust build up. Sweep excess dirt away.

1.09 MIXING
Shake before using.

1.10 APPLICATION
TuffPrep™ must be applied on dry surface. **TuffPrep™** can be applied via pump spray and agitated with a bristle broom for deeper penetration and etching.

1.11 CLEAN UP
Clean tools and equipment with water.

1.12 STORAGE AND SHELF LIFE
The material should be stored between 60-95°F (15-35°C) in a cool, dry area away from direct sunlight. Shelf life of properly stored, unopened containers is 12 months. Excessive temperature differential and/ or high humidity can shorten the shelf life expectancy.

1.13 LIMITATIONS
Surface and ambient temperature must be a minimum of 40°F (4°C) Do not thin with any water or solvents.

1.14 CAUTION
Do not apply to backer rod.

READ SDS PRIOR TO USING PRODUCT. KEEP OUT OF THE REACH OF CHILDREN.

1.15 PHYSICALS	
Flash Point	65°F (18°C)
Viscosity	cps 90

Poly-Tuff Systems International Corp.
8550 West Desert Inn Road | Suite 102-451
Las Vegas, NV 89117 | T: (866) 977-8833 | F: (800) 804-0182

Please read all information in the General & Safety Guidelines, Technical Data Sheets, Guide Specifications and Safety Data Sheets (SDS) before applying material. PSI Products are for "Professional Use Only" and preferably applied by professionals who have prior experience with the PSI Products or have undergone training in application of PSI Products. Published technical data and instructions are subject to change without notice. Contact your local PSI representative or visit our website for current technical data, instructions, and project specific recommendations.

LIMITED WARRANTY

PSI warrants its products to be free of manufacturing defects and that they will meet PSI current published physical and chemical properties. 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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