



# TuffGlaze™ 25

## 25% Solids, Solvent-based Cure & Seal

### 1.01 DESCRIPTION

TuffGlaze™ 25 is a VOC compliant acrylic nonyellowing polymer engineered to cure, seal, harden, and dustproof freshly placed concrete and improve the wearability and durability of aged concrete surfaces. TuffGlaze™ 25 is formulated to provide maximum color stability in a high gloss finish. TuffGlaze™ 25 is stable under Ultra-Violet light and is suitable for both exterior and interior use on industrial, commercial and residential applications. 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

- Bricks
- Concrete
- Floors
- Ideal Coating for Going over Architectural Colored Concrete
- Walls

### 1.03 FEATURES

- Dustproofs
- Forms a Clear Film
- Good Flexibility
- High Solids Content
- Paintable
- Quick Drying
- Reduces Stains
- U.V. Resistant

### 1.04 TECHNICAL DATA

Meets ASTM C-1315, Type 1 Class A; Meets ASTM C-309, Type 1, Class A; AASHTO M-148, Type 1, Class A; Meets USDA requirements for Incidental Food Contact; Meets V.O.C. emission requirements for curing and sealing compounds (EPA limit < 700 g/L).

### 1.05 PACKAGING

5 gallon (18.9 liters) pail  
55 gallon (208 liters) drum

### 1.06 COLOR

Clear

### 1.07 PREPARATION

**New Concrete:** TuffGlaze™ 25 should be applied as soon as the surface water has disappeared and the concrete surface will not be marred by the walking applicator.

**Existing Concrete:** Concrete surface must be clean, dry and free of all stains, oil, grease, dirt, and incompatible coatings prior to application. An application of TuffGlaze™ 25 will renovate existing concrete, brick or terrazzo floors. These surfaces will be brighter and easier to clean and maintain.

### 1.08 MIXING

Do not dilute. Stir before applying.

### 1.09 APPLICATION

TuffGlaze™ 25 should be applied as soon as the surface water has disappeared and the concrete surface will not be marred by the walking applicator. At this point, apply with a sprayer or roller in uniform thin films; spray apply for best results. Two thin coats should be applied.

Apply the second coat after the first coat has thoroughly dried. Never apply one heavy coat. Avoid puddles. Apply in accordance with recommended coverage rates.

For dustproofing and sealing benefits, apply two coats at 500 sqft/gallon (12.27 sqft/liters) or 1 gallon/500 sqft or (0.8 liters/sqm). On broom or rough finished concrete, double the coverage rate. Coverage may vary due to porosity and conditions of the concrete.

### 1.10 DRY OR USE TIME

Approximately 2 hours at 70°F (21°C) for recoating or light traffic. Wait 12 hours for heavy traffic. Dry time is temperature, humidity and wind dependent.

### 1.11 CLEANUP

Clean sprayer, tools, and equipment with Xylene or lacquer thinner while the product is still wet.

### 1.12 STORAGE AND SHELF LIFE

Store in a horizontal position to prevent moisture accumulation on the drum head. The material should be stored between 40-95°F (4-35°C) in a cool, dry area away from direct sunlight. The shelf life of properly stored, unopened containers is 24 months from the date of manufacture. An excessive temperature differential and/or high humidity can shorten the shelf life expectancy.

### 1.13 LIMITATIONS

Does not provide a base for bonding of cementitious materials. Not for use in fountains or pools. TuffGlaze™ 25 is compatible with most carpets, tile, and floor covering adhesives. Due to the wide variation in the chemistry of adhesives, a test section is always recommended.

When used on colored concrete, TuffGlaze™ 25 may enhance color variation or imperfections. Prepare a test panel to ensure acceptable results. Rubber wheeled vehicles may leave black marks. Contact

PSI Technical Services for complete application instructions and limitations. DO NOT CUT OR WELD CONTAINER. KEEP AWAY FROM OPEN FLAME. Do not dilute. Wear protective gloves and goggles. Avoid prolonged skin contact. Additional precautions, safety information, and first aid are contained in the Safety Data Sheet (SDS).

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

#### 1.14 PHYSICALS

Moisture Retention (ASTM C-1315) at 300 sqft/gal (kg/sqm)

Test Result: 0.29 kg/sqm

Allowed: 0.40 kg/sqm

#### 1.15 COVERAGE CHART

Curing	300-400 SF/gal
Dustproofing and Sealing	400-600 SF/gal
Aged Concrete	400-600 SF/gal

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 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.

#### 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 user's 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.