



TuffCure™ P

Sodium Silicate Concrete Curing Compound & Dustproofers

1.01 DESCRIPTION

TuffCure™ P is a clear, water based, spray applied, concrete cure, hardener and dustproofers. TuffCure™ P deeply penetrates concrete surfaces to densify, seal, harden and dustproof concrete and Portland Cement based material surfaces to help them achieve maximum abrasion resistance and without altering the natural appearance of the concrete. 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

- Cementitious Repair Products
- Commercial and Retail Floors
- Diamond Polishing Concrete
- Distribution Centers
- General Purpose Curing
- Manufacturing Plants
- Warehouse Floors

1.03 FEATURES

- Does Not Alter Natural Color of Aggregate or Concrete
- Economical and Ready to Use
- Helps Seal Concrete Against Acids, Oils, Greases, Salts and Tire Marks
- Non-Flammable
- Odorless
- Will Not Inhibit the Adhesion of Secondary Toppings, Adhesives, or Coatings Designed For Concrete
- Zero VOC

1.04 TECHNICAL DATA

USDA compliant & Canadian Food Inspection Agency

1.05 PACKAGING

5 gallon (18.9 liters) pail

55 gallon (208 liters) drum

1.06 COLOR

Clear

1.07 COVERAGE GUIDE

Curing, sealing, hardening and dustproofing:

Hard Troweled Finish: 300-500 sqft/gal

Broom or Float Finish: 200-400 sqft/gal

Rough Finish: 200-300 sqft/gal

Aged Concrete: 200-300 sqft/gal

Vertical Surface: 200-300 sqft/gal

The above rates are approximate. Exact coverage depends upon the porosity of the concrete as well as the job requirements. For optimum hardening of porous surfaces, apply two coats.

1.08 PREPARATION

For aged concrete, surface must be free of dirt and all other foreign matter. Surface should be dry to permit maximum penetration.

1.09 MIXING

For best results, mix thoroughly before each use. Do not over agitate or use high speed mixing equipment.

1.10 APPLICATION

Apply immediately after final finishing operations and after the bleed water had receded. Brush out puddles and runs. Over application and puddling will leave white crystals, which must be removed by immediately flushing the surface with water and scrubbing. May be applied with sprayer, brush or roller. Spraying provides superior results. Application temperatures 40°F (4.4°C) to 100°F (37.8°C).

1.11 CLEANUP

Tools and Equipment: Clean with water or PSI's **EnviroClean™**.

1.12 STORAGE AND SHELF LIFE

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 container is 12 months from the date of manufacture. An excessive temperature differential and/or high humidity can shorten the shelf life expectancy. Protect from freezing.

1.13 LIMITATIONS

- Do not dilute. Wear protective gloves and goggles. Avoid prolonged skin contact.
- DO NOT place at temperatures below 40°F (5°C) unless special provisions are followed.
- Protect metal, glass, painted and brick surfaces from **TuffCure™ P**.

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

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.

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.