



B-TUFF® EXTRACT

Fluid-Contaminant Extractant & Deep Penetrating Sealer

1.01 DESCRIPTION

B-Tuff® Extract is a single component, polymer modified, reactive-osmotic reagent that seals, densifies, hardens, reduces vapor drive and preserves most concrete substrates when used as part of a Poly-Tuff System. 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

- Below Grade
- Negative Side
- On Grade
- Vertical or Horizontal applications

1.03 FEATURES

- Extracts Fluid Contaminants from Concrete Structures
- Forms a Hydrostatic Barrier in Concrete that Greatly Reduces Vapor Drive
- Gives Concrete Some Waterproof Characteristics
- Leaves a Clear Natural Finish With No Film or Membrane on the Surface
- No V.O.C.
- Provides a Prepared Surface for Better Bonding of Concrete Topings, Coatings, Mastics, and Paints

1.04 TECHNICAL DATA

Intended for use on concrete only. Not intended for pigmented surfaces. Keep away from glass. Always apply a test patch before any application. **B-Tuff® Extract** will not bridge cracks, voids or gaps. Use only on intended surfaces, protection of property required.

1.05 PACKAGING

- 1 gallon (3.79 liters) pail
- 5 gallon (18.9 liters) pail
- 55 gallon (208 liters) drum

1.06 COLOR

Clear

1.07 APPLICATION

1. Surface must be clean and free of all loose particulate and bond-breaking matter.
2. Wet area with de-ionized water, leaving no standing water.
3. Apply to the surface by spray or squeegee at 200-300 sqft/gallon depending on porosity of the concrete. The entire surface should be wet with **B-Tuff® Extract**.
4. Do not let **B-Tuff® Extract** dry on the concrete. Spray areas that are drying out with a light coat of **B-Tuff® Extract**. The best application tool is a pump up spray unit for applying the product.
5. Broom out to an even coat working the broom around to push or

work product into the concrete surface.

6. When **B-Tuff® Extract** starts to gel on the surface after approximately 30-40 minutes (CAUTION - MATERIAL WILL BECOME SLIPPERY UNDER FOOT. TAKE PROPER SAFETY ACTION), flush the entire surface thoroughly with water, and squeegee off the excess.
7. A second coat may be applied if necessary and/or if a gloss is trying to be achieved.
8. If a second coat is being applied, repeat steps 1-6.
9. If a white film starts to form, flush immediately since all of the absorption and initial reaction is complete.
10. The surface may be burnished with a high-speed burnisher with a polyester stripping pad to help aid in achieving a high gloss 4-5 hours after the last application.
11. The surface can be used as soon as it is totally dry.

PHYSICALS	
Material	1 Part
Mix Time	N/A
Appearance	Liquid
Cure Time	48 Hours Walkable
Full Cure	14 Days
Freezing Temperature	32°F (0°C)
Boiling Temperature	212°F (100°C)
Flammability	None
Environmental Hazards	None

1.08 CLEAN UP

Tools and Equipment: Flush and clean with water immediately after use. Use PSI's **Solvent 100** or other cleaning solvents for sprayers to remove cured or residual material.

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

1.10 LIMITATIONS

- Avoid hazards by following all precautions found in the Safety Data Sheets (SDS), product labels, and technical literature.
- DO NOT place at temperatures below 40°F (5°C) unless special provisions are followed.

READ SDS PRIOR TO USING PRODUCT. FOR PROFESSIONAL USE ONLY.KEEP OUT OF REACH OF CHILDREN.MADE IN THE USA.

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.