

## **Xtreme Set 100™**

### **Product Description**

Xtreme Set 100™ is a stand above all, low viscosity, two-component Polyurea repair product utilizing an innovative and proprietary development process. When mixed with a dry silica sand (supplied by user), provides the ability to fill cracks, voids and surface depressions (spalls) with one product. Featuring the ability to return the substrate back to service or ready for coatings application in record time (20 mins or less). This product is the “swiss army knife” of concrete floor repair. In addition, it’s elongation properties far exceed that of epoxy or cement based products.

### **Features and Benefits**

**Waste-Free 1:1 mix ratio**

**Extremely fast turnaround (20 mins or less)**

**“Swiss Army Knife” of concrete floor repair products**

Massive labor savings compared to epoxy/urethane fillers  
True All Weather Product -30 to 120 deg f application temps  
Conforms with USDA Guidelines for food facilities, once cured  
Grind it flush it 20 minutes or less

### **Recommended Applications**

Xtreme Set 100™ is recommended for all new and existing concrete surfaces (combined with dry sand) requiring repair of cracks, joints, voids, bug holes and spalled areas. May also be used to rebuild/reform edges, thresholds and curbs. When added to dry sand (supplied by others) this product creates a very strong, yet flexible fast curing patch. May be used for interior or exterior applications.

### **Technical Data**

Solids: 98%	Solvent Resistance: Excellent
Pot-Life: 5 minutes	Finish: satin
VOC Level: <420 g/l	Appearance: light beige, opaque
Recoat time: 20 minutes	Abrasion Resistance: Excellent
Foot Traffic: 30 minutes	Concrete Adhesion: Excellent
Wheel Traffic: 60 minutes	Application temp: -30 to 120 deg f

### **Coverage Rates**

Coverage Rates are theoretical only as actual site conditions will vary.  
One Gallon Unit, when mixed with silica sand, will fill a void 300 lineal feet ½” x ½”

### **Shelf-Life**

Xtreme Set 100™ has a one year shelf life in an unopened container.

### **Packaging**

One gallon and two gallon units.

## Instructions for Use

**PREP:** Before application the receiving surface must be deemed structurally and mechanically sound, clean, and dry. Proper surface preparation is required. Recommended surface profile is SP 2. All receiving surfaces must be free of previous coatings, sealers, curing compounds, water repellants, laitance, efflorescence, oils, fats, grease, waxes, residues from cleaning compounds, non-visible soluble salts, and any other impediments to adhesion. The resulting surface must be a neutral pH 7. Always check for potential bond breakers. One method entails pouring a slight amount of water on the concrete in random areas. If the water is absorbed into the concrete and leaves it wet, the substrate is porous and thus acceptable. If water beads up, this indicates a bond breaker is still present and further surface preparation steps are necessary, such as additional mechanical grinding. The rising moisture vapor emission rate must not exceed 3 pounds per 1,000 square feet (3 lb/1,000 ft<sup>2</sup>) over a 24 hour period as measured by the calcium chloride test method, ASTM F 1869. The relative humidity in the slab must not exceed 80 percent.

**MIXING:** THIS IS A FAST CURE PRODUCT!! Mix "Part A" and "Part B" in equal parts (1:1) by volume. Only mix 6 oz at a time. Pour into squeeze bottle or similar applicator and vigorously shake for 10 seconds. Immediately use as the product will begin to cure within 10 minutes, temperature dependent.

**APPLICATION:** We recommend our squeeze bottle applicators for best results. Squirt the mixed product directly into the void that should be pre-filled with a dry silica sand (supplied by others). Wetting the sand fully. The wet sand may slump and therefore more sand can be immediately broadcasted over top or another pass can be made once cured. The product can be applied NEAT to shallow voids or very small cracks. A trowel can be used to smooth any repair (sand filler use) before the product sets up. It is acceptable to mix in small increments and layer your repairs. Persons new to this product should pay attention to working time. 10 minutes working time is best case (70 deg f). Follow all safety and personal protection advice, listed on the product package. SDS is available on our web-site.

## Clean-Up

Only Xylol, Xylene or MEK- do not use alcohol based cleaners/thinners.

## Product Removal

This product cannot be removed by any stripper. It can only be removed using mechanical means.

## Precautions and Limitations

Restrict the use of the floor to wheeled traffic and non-harsh chemicals until after 1 hour has passed. Keep the floor dry for this period. Always test cleaners prior to use. Polyurea products contain chemical ingredients that are considered hazardous. Read the container label warning and Safety Data Sheet for important health and safety information prior to use for details on the safe handling and use of these products.

### NOTICE TO BUYER: DISCLAIMER OF WARRANTIES AND LIMITATIONS ON OUR LIABILITY

*We warrant that our product is manufactured to the specifications as stated her or in other publications. All other information supplied by us is accurate to the best of our knowledge. Such information supplied about our products is not a representation or a warranty. It is supplied on the condition that you shall make your own tests to determine the suitability of our product for your particular purpose. **NO WARRANTY IS MADE, EXPRESSED OR IMPLIED, REGARDING SUCH OTHER INFORMATION, THE DATA ON WHICH IT IS BASED, OR THE RESULTS YOU WILL OBTAIN FROM ITS USE. NO WARRANTY IS MADE, EXPRESSED OR IMPLIED, THAT OUR PRODUCT SHALL BE MERCHANTABLE OR THAT OUR PRODUCT SHALL BE FIT FOR ANY PARTICULAR PURPOSE. NO WARRANTY IS MADE THAT THE USE OF SUCH INFORMATION OR OUR PRODUCT WILL NOT INFRINGE UPON ANY PATENT.** We shall have no liability for incidental or consequential damages, direct or indirect. Our liability is limited to the net selling price of our product or the replacement of our product, at our option. Acceptance of delivery of our product means that you have accepted the terms of this warranty whether or not purchase orders or other documents state terms that or other documents state terms that vary from this warranty. No representative is authorized to make any representation or warranty or assume any other liability on our behalf with any sale of our products. Any use or application other than recommended herein is the sole responsibility of the user. Uncured epoxy resins, polymers and their curing agents may be **ALKALINE, TOXIC or BOTH**, depending on the particular system. They may cause **ALLERGIC REACTIONS or HYPERSENSITIVITY REACTIONS. BEFORE USING any material, READ THE MATERIAL SAFETY DATA SHEET AND FOLLOW ALL PRECAUTIONS TO PREVENT BODILY HARM.***

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