

SealBoss 6000 QuickFix™

Super Low Viscosity Polyurea Repair System Fast Concrete and Spall Repairs Cartridge System and in Pails

RANGE OF APPLICATION

- ✓ Rebuilding control joints
- ✓ Shallow spalls, example: bridge decks
- ✓ Traffic area spalls & crack repairs
- ✓ Grade matching
- ✓ Floor repair
- ✓ Fill & repair spall before coating
- ✓ Used to bond cracked slabs

TYPE OF MATERIAL

SealBoss 6000 QuickFix Polyurea is a rapid set, high strength, ultra low viscosity repair material, provided as a two part, 1:1 mix ratio by volume, system.

The material has been designed to fix spalled concrete surfaces and cracks, and to rebuild damaged control joints effectively and quickly.

Examples for typical repair applications are warehouse floor spalls and other traffic prone surfaces, where load damage from steel wheels, hard urethane wheels and other stress factors are common.

6000 QuickFix is also a strong adhesive to bond damaged slabs. (Not intended for use where substrate movement is required. For moving control joints please refer to our flexible products such as **6500 QuickFix**).

6000 QuickFix is moisture sensitive and should not be applied to wet surfaces.

APPLICATION

Clean the area of debris and contaminants, such as oils, loose materials, dirt, rubber etc., for good adhesion of the product. Expose clean rough concrete for best results.

If using a saw to cut concrete and clean the crack, remove all the dust from the cut out area. Make sure the area is dry. Vacuum or blow off cement dust.

Deep Crack / Joint Application

Apply product to the bottom of the crack and work up in layers.

First apply product, then deliver sand into the applied product. Then add more product & sand.

Repeat the steps until reaching the finished grade.

ADVANTAGES

- ✓ Stops additional damage
- ✓ Fast set, short cure to full strength
- ✓ Heavy loads in 15 minutes and "Drive-Over" in 10 to 15 minutes
- ✓ Low Temp Application (0°F)
- ✓ Produces High Strength Quickly
- ✓ Self-leveling
- ✓ Meets USDA Requirements

Filler

Sand filler should be free of moisture. Grit sizes for 30 to 60. Pea gravel can be used to fill large spalls.

Grinding to Finish Grade

Allow **6000 QuickFix** to set for about 15 minutes or until hard. For best results use a flexible grinding wheel. Scrapping or cutting may also be done with a sharp razor blade cutter. Cut as soon as product is set and but not completely hard yet. Repair is now ready for traffic.

MAINTENANCE OF EQUIPMENT

Remove all excess sealant and any smears. Tools and mixing equipment are best cleaned immediately after use. Solvents are hazardous, are aggressive towards plastic and rubber and might be in conflict with regulations on the jobsite. Caution! Some cleaners are combustible.

SAFETY/PRECAUTION

Protect your health! While working with this material, safety goggles, gloves and safety clothing must be worn at all times. While injecting, a full face shield is strongly recommended. Spills and blow-outs do happen! Protect yourself and others on the jobsite. Consider property in proximity of the application area to prevent loss or damage. Protect your jobsite from unauthorized persons. Store all materials and equipment safely and out of reach of children! Observe container labels, MSDS, and instructions in the Product Catalog before using the product and equipment. In case one of the components comes in contact with the skin, wash thoroughly with soap and water. Provide adequate ventilation in volume and pattern in working area. Further protection: emergency showers and eyewash stations.

SealBoss 6000 QuickFixTM

**Super Low Viscosity
Polyurea Repair System
Fast Concrete and Spall Repairs
Cartridge System and in Pails**

TECHNICAL DATA

Hardness, durometer (ASTM D2240)	80 -85D
Tensile Strength, PSI (ASTM D412)	4000
Tear Strength (ASTM D624) -lb/mil	489
Elongation % (ASTM D412)	6% - 8%
Compressive Strength (ASTM C109)	
2 hr. cure (pure product) , psi	approx .3200
2 hr. cure product blended/sand , psi	approx. 4000
7 day cure (pure product), psi	approx. 4000
7 hr. cure product blended/sand , psi	approx. 4800
Viscosity (mixed)	15 cps
Pot Life (ASTM C-881)	Approx. 75 - 90 seconds
Shelf Life	1 year in original unopened container.
Storage Conditions	Do not store above 85°F or in direct sunlight.

Toxicity	Essentially Non-Toxic in Cured Form
Resistance to Chemicals	Resistant to Most Organic Solvents, Mild Acids, Alkali and Micro Organisms

PACKAGING:

1: 1 ratio available in **2x 1 gallon units and 22 oz. cartridges**

DISPOSAL: Empty containers must be drip free.

SAFETY: Read all product MSDS and make sure that personnel using the products understand MSDS and General Safety Information Sheets.

Chemical Resistance:

Chemical	Result	
Acetic Acid 10 %	R	Test Procedure; ASTM D-1308 @72°F R=Recommend RC=Recommend Conditional =some swelling or discoloration N=Not Recommend 1=Some discoloration only
Acetone	RC	
Battery Acid (Sulfuric Acid)	RC	
Brake fluid	R	
Chlorine (2,000 ppm in water)	R	
Citric Acid	R	
Gasoline	R	
Hydraulic Oil	R-1	
Methanol (5%) Gasoline	RC	
Motor Oil	R-1	
Toluene	RC	
Vinegar	R	
Water	R	
Xylene	R	

Application Guns

We supply pneumatic, electric & hand operated application guns.



Limited Warranty Policy and Disclaimer for Products Supplied and/or Distributed by SealBoss Corp.: All recommendations, statements and technical data herein are based on 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. User shall rely on his or her own information and tests to determine suitability of the product for the intended use and user assumes all risk and liability resulting from his or her use of the product. Nothing contained in any supplied materials relieves the user of the obligation to read and follow the warnings and instruction for each product as set forth in the current Technical Data Sheet, product label and Material Safety Data Sheet prior to product use. SealBoss Corp. warrants supplied / distributed products to be free of manufacturing defects. Seller's and manufacturer's sole responsibility shall be to replace that portion of the product of the manufacturer which proves to be defective. There are no other warranties by SealBoss Corp. of any nature whatsoever expressed or implied, including any warranty of merchantability or fitness for a particular purpose in connection with this product. SealBoss Corp. 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. SealBoss Corp. shall not be responsible for use of this product in a manner to infringe on any patent or any other intellectual property rights held by others. In addition, no warranty or guarantee is being issued with respect to appearance, color, fading, chalking, staining, shrinkage, peeling, UV damage, excessive temperature exposure, 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. SealBoss Corp. reserves the right to conduct performance tests on any material claimed to be defective prior to any repairs by owner, general contractor, or applicator. 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 and statements other than those contained in a written agreement signed by an officer of the manufacturer shall not be binding upon the manufacturer or seller. SealBoss Corp. reserves the right to change the properties of products without notice.

Revised 201003