

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.

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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
Acetone	RC	R=Recommend
Battery Acid (Sulfuric Acid)	RC	RC=Recommend Conditional =some swelling or discoloration
Brake fluid	R	N=Not Recommend
Chlorine (2,000 ppm in water)	R	1=Some discoloration only
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.

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