

## SealBoss® 6500 - 80 QuickFix

Our #1 Selling Polyurea Product



Bulk



Cartridges

Joint Filler & Repair System  
Flexible, Fast Cure  
Two Component Polyurea  
Custom Colors Available

### RANGE OF APPLICATION

- ✓ To fill cracks, damaged control joints, construction joints on horizontal concrete
- ✓ For industrial floor applications which receive heavy vehicle traffic, such as fork lifts or steel wheeled carts
- ✓ Highly flexible, allowing slab movement, yet strong enough to protect the vertical edges of concrete from spalling under extreme loading
- ✓ Interior and Exterior
- ✓ Slight discoloration in UV exposure

### ADVANTAGES

- ✓ 100% Solids, Meets VOC Regulations
- ✓ Remains Flexible, Even in Cold Temperatures
- ✓ Return Project to Service in 60 Minutes
- ✓ Cures From -20F to 130F
- ✓ Highly Moisture Insensitive
- ✓ Odorless, No Toxic Vapors
- ✓ Resistant to Petrochemicals

### TYPICAL APPLICATION ENVIRONMENTS

- ✓ Industrial Facilities
- ✓ Warehouse Floors
- ✓ Manufacturing Facilities
- ✓ Pulp and Paper Mills
- ✓ Bottling and Canning Facilities
- ✓ Airports
- ✓ Water and Waste Water Treatment
- ✓ Cold Storage Facilities
- ✓ Food Processing Facilities
- ✓ Freezers

### TYPE OF MATERIAL

SealBoss® 6500 - 80 QuickFix is a technologically advanced multiple application product. This polyurea is a self leveling, 100% solids, two component, 1:1 ratio, very flexible elastomer.

SealBoss® 6500 - 80 QuickFix is an excellent joint and crack filler for concrete in applications that are time critical. It works well in adverse temperature conditions as the material cures rapidly in ambient temperatures from -20F to 130F. The tack free time is 5 to 15 minutes. This permits to reopen the jobsite to vehicle and foot traffic just one hour after the application. Exposure to sunlight (UV) may cause discoloration, however the physical properties are essentially unaffected.

### Cartridge Use: Tips for Optimal Results

- Shake cartridge prior to all applications. Hardeners and pigments settle, even when setting the cartridge down for 10 minutes. It is best practice to shake the cartridge well each time it is used.
- Prime cartridge and mixer by dispensing initial product in vertical orientation
- Discard a small amount of product prior to application to joint. Ratio can be slightly off when initial product travels through static mixer. Once uniform mixture is observed, apply to joint.
- Do not apply to wet or damp substrates. Moisture may cause bubbling or uneven reaction.

### APPLICATION

Clean the area of debris and contaminants, such as oils, loose materials, dirt, rubber etc., to allow 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.

For bulk mixing, pre-mix each component thoroughly. Proportion equal parts by volume of Component "A" and Component "B" through appropriate metered mixing equipment. Mix only the quantity that can be used within 2 minutes and do not allow mixed material to reside in static mixing head or mixer for more than 1 minute or nozzle blockage may result.

Do not add solvents. They will prevent proper cure. Not for sealing cracks and joints under hydrostatic pressure or with extreme movement. Material is a vapor barrier after cure. Minimum age of concrete must be 21-28 days, depending on curing and drying conditions prior to applications.

### 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.

### Material Consumption

Filling joint slots in given dimensions.  
Feet achieved with 22 oz. Cartridge

Width (in.)	1/4"	1/2"	3/4"	1"	1-1/4"	1-1/2"
1/4"	52.9					
1/2"	26.5	13.2				
3/4"	17.6	8.8	5.9			
1"	13.2	6.6	4.4	3.3		
1-1/4"	10.6	5.3	3.5	2.6	2.1	
1-1/2"	8.8	4.4	2.9	2.2	1.8	1.5
1-3/4"	7.6	3.8	2.5	1.9	1.5	1.2
2"	6.6	3.3	2.2	1.6	1.3	1.1
2-1/2"	5.3	2.6	1.8	1.3	1.1	.87
3"	4.4	2.2	1.5	1.1	.87	.73

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### TECHNICAL DATA PHYSICAL PROPERTIES:

Color (A+B)

Viscosity (mixed)  
Mix Ratio (by volume)  
Pot Life 100 grms at 77F  
Tack Free, Thin Film at 77F  
Initial Cure  
Final Cure

% of Elongation ASTM D-412

Service Movement

Tensile Strength, psi ASTM D-412

Bond Strength, fully cured

clean concrete, psi ASTM C-882

Shore "A" Hardness ASTM D-2240

Toxicity

Resistance to Chemicals

Charcoal Gray,  
Black, or other  
Self Leveling  
1:1  
30 - 60 sec Standard  
5-8 min  
15 min  
60 min  
180-200  
± 20%  
900-1000

500  
75-85A  
Essentially Non-Toxic in Cured Form  
Resistant to Most Organic Solvents,  
Mild Acids, Alkali and  
Micro Organisms



QuickFix

SealBoss  
Concrete Solutions

### PACKAGING:

1:1 ratio by volume units:  
22oz. cartridge yields 39 cu. in.

Shelf Life:

Storage Conditions:

Disposal:

### Chemical Resistance:

Test Procedure; ASTM D-1308 @72°F

R=Recommend

RC=Recommend Conditional =some swelling  
or discoloration

N=Not Recommend

1=Some discoloration only

Chemical Result

Acetic Acid 10 % R

Acetone RC

Battery Acid (Sulfuric Acid) RC

Brake fluid R

Chlorine (2,000ppm in H2O) 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

22/44/56 oz. Cartridges,  
2 gal. Units, 10 gal. Units  
1 year in original unopened container.  
Store at 55F-95 F.  
Empty containers must be drip free.



### SealBoss Color Codes

Off-White	ral 1014
Yellow/Gold	ral 1024
Dark Blue	ral 5011
Green	ral 6013
Dark Grey	ral 7015
Standard	ral 7037
Terra Cotta	ral 8001
Brown	ral 8007

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