

## SealBoss® 6500 - 80 QuickFix

### Joint Filler & Repair System Flexible, Fast Cure Two Component Polyurea

#### 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 -20OF to 130OF
- ✓ 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 QuickFix** is a technologically advanced multiple application product. This polyurea is a self leveling, 100% solids, two component, 1:1 ratio, very flexible elastomer.

**6500 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.

#### 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.

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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

1-2 min

5-8 min

15 min

60 min

180-200

± 20%

900-1000

500

80-88A

Essentially Non-Toxic in Cured Form

Resistant to Most Organic Solvents,

Mild Acids, Alkali and

Micro Organisms



#### 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.

#### 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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