

SealBoss®

6500 QuickFix



Product Data Sheet
Polyurea Joint Filler

Product Description

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

SealBoss® 6500 QuickFix is a high quality joint and crack filler for concrete substrates in applications that are time critical. It works well in adverse temperature conditions as the material cures in ambient temperatures from -28°C (-20°F) to 54°C (130°F). The tack free time is 5 to over 15 minutes depending on temperature. 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. Ask your SealBoss technician for details. The product is for professional use.

Installation Guidelines

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. All equipment, pumps and hoses must be dry. Avoid moisture contact with the mixture.

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

Tools and equipment must be cleaned immediately after use. Remove all excess product. Cured product is hard to remove. **SealBoss® R70 Pump Flush** is a solvent free, non-flammable cleaner, lubricator, pump and hose conditioner. Please refer to the product data sheet for detailed information.

Health and Safety

Protect your health! Always use safety gear in compliance with OSHA and all applicable local and job-site regulations While working with products. Handling of this product may result in spills, splashes, and airborne substances. Wear appropriate safety goggles, gloves and safety clothing at all times. Consider safety in proximity of the application to prevent loss or damage. Protect jobsite from unauthorized persons. Store all materials and equipment safely and out of reach of children and animals! Observe container labels, SDS, applicable laws and regulations and all instructions 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. Get immediate medical attention as needed.

Fast Cure Joint Filler & Joint Repair System Clear, Grey and Custom Colors

SealBoss® 6500 QuickFix Applications

- 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 heavy loading
- Interior and exterior use, discoloration in prolonged UV exposure in lighter colors

SealBoss® 6500 QuickFix Advantages

- 100% Solids and VOC Free
- Remains Flexible, Even in Cold Temperatures
- Return Project to Service in 60 Minutes
- Cures From -28°C / -20°F to 54°C / 130°F
- Reduced Moisture Sensitivity
- Essentially Odorless
- 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

Tips for Cartridge Users

- Shake cartridge prior to all applications and each time it is used for a minimum of 1 minute.
- Remove air from system - prime cartridge by slowly dispensing product from cartridge into mixer in vertical orientation until mixer is completely filled.
- Discard a small amount of product prior to application. Ratio may be slightly off when initial product travels through static mixer. Once uniform mixture is observed, product is ready for application.
- Do not apply to wet or damp substrates. Excessive moisture may cause bubbles or uneven reaction.

Recommended Joint Filler Pump

JointMaster Pro2 G3i Digital

SealBoss® 6500 QuickFix



Technical Data

PHYSICAL PROPERTIES:

Color (A+B)
Viscosity (mixed)
Mix Ratio (by volume)
Pot Life 0.1 kg at 25°C / 77°F
Tack Free , Thin Film at 25°C / 77°F
Initial Cure at 25°C / 77°F
Final Cure at 25°C / 77°F
% of Elongation
Service Movement
Tensile Strength, psi
Bond Strength, fully cured
clean concrete, psi
Shore "A" Hardness

Resistance to Chemicals

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 @72F
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

Charcoal Grey, Black, or Other
Self Leveling
1:1
30-60 sec standard
5-8 min
15 min
60 min
180-200 ASTM D-412
± 20%
900-1000 ASTM D-412

500 ASTM C-882
75-85A ASTM D-2240

Resistant to Most Organic Solvents, Mild Acids, Alkali & Microorganisms

22 oz cartridges
1 / 5 Gallon Kits
1 year in original unopened container.
Store at 55-95°F
In accordance with all applicable laws and regulations.
Empty containers must be drip free

Material Consumption

Filling joint slots in given dimensions. Feet per 22 oz. Cartridge

Width	1/4"	1/2"	3/4"	1"	1-1/4"	1-1/2"
Depth						
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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