

SealBoss®

6500 UVR QuickFix



UV Resistant Polyurea Joint Filler

Product Description

SealBoss® 6500 UVR features new generation polyurea technology resulting in unique physical properties and high temperature range and cure time benefits. 6500 is a rapid-setting, self leveling, two component, 1:1 ratio, 100% solids, flexible, polyurea polymer product. SealBoss 6500 UVR polyurea resists fading from UV-rays / ultraviolet light.

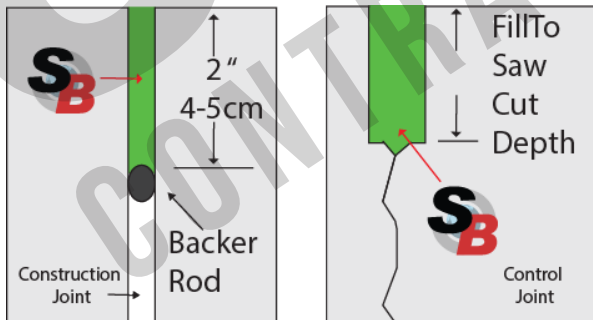
SealBoss® 6500 UVR is a high quality joint and crack filler for concrete substrates in applications that are time critical. It works well in adverse temperature conditions as the material cures in ambient temperatures from -28°C (-20°F) to 54°C (130°F). The tack free time is 5 to over 15 minutes depending on temperature. This permits to reopen the jobsite to traffic just one hour after application in most conditions.

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. Product may exhibit bubbling and/or compromised adhesion in excessive concrete or ambient moisture levels. Ask your SealBoss® technician for details. The product is for professional use.



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.

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

SealBoss® 6500 UVR Applications

- **Class 5-9 Concrete Floors**, applications which receive heavy vehicle traffic, such as fork lifts or steel wheeled carts
- To fill cracks, damaged control joints, construction joints on horizontal concrete
- Highly flexible, allowing slab movement, yet strong enough to protect the vertical edges of concrete from spalling under heavy loading

SealBoss® 6500 UVR Advantages

- **Low Emitting Sealant/Filler**
100% Solids, VOC Free, Essentially Odorless
- 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
- 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.

JointMaster Pro2 G3i Digital Recommended heavy duty joint fill machine



SealBoss® 6500 UVR QuickFix Polyurea Joint Filler

SealBoss®



6500 UVR QuickFix

UV Resistant Polyurea Joint Filler

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
 Color Pack (Optional):

ISO Side:

PACKAGING:

1:1 ratio by volume units:
 Shelf Life, Storage Conditions:
 Disposal:

Chemical Resistance:

Test Procedure; ASTM D-1308 at 72°F

R=Recommend RC=Conditional, some swelling or discoloration | N=Not Recommend

1=Some discoloration only

Acetic Acid 10 % R, Acetone C

Battery Acid (Sulfuric Acid) C

Brake fluid R, Chlorine (2,000ppm in H2O)R

Citric Acid R, Gasoline R

Hydraulic Oil R-1, Methanol (5%) Gasoline C

Motor Oil R-1, Toluene C, Vinegar R

Water R

Exposure to sunlight (UV) may cause some change in appearance, however the physical properties are essentially unaffected

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 property 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.

Limited Warranty Policy and Disclaimer for Products Supplied and/or Distributed by SealBoss Corp.: SealBoss Corp. Products are for Professional Use. 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 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 202009

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

Add Color Pack to Component B

Component A is ISO-Side of the product

1 & 5 Gallon Units, Drums

22 oz cartridges (yields 39 cu in.)

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

Approximate Coverage Chart

Joint Size (US)	LF/Gal.	Joint Size (Metric)	M/Gal
1/8" x 11/2"	100	3 x 38	30
1/8" x 13/4"	85	3 x 44	26
1/8" x 2"	75	3 x 50	23
3/16" x 3/4"	135	5 x 19	41
3/16" x 1"	100	5 x 25	30
3/16" x 11/4"	85	5 x 31	26
3/16" x 11/2"	70	5 x 38	21
3/16" x 13/4"	60	5 x 44	18
3/16" x 2"	50	5 x 50	15
1/4" x 1"	80	6 x 25	24
1/4" x 11/4"	60	6 x 31	18
1/4" x 11/2"	50	6 x 44	14
1/4" x 13/4"	45	6 x 50	12
1/4" x 2"	40	9 x 25	15

Cartridge 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



SealBoss® 6500 UVR QuickFix Polyurea Joint Filler