

SealBoss® 6500 - 45 QuickFix

ADVANTAGES

- ✓ Interior and Exterior .
- ✓ Only slight discoloration in UV exposure
- ✓ 100% Solids, Meets VOC Regulations
- ✓ Remains Flexible, Even in Cold Temperatures
- ✓ Return Project to Service in 60 Minutes
- ✓ Cures From -20OF to 130OF
- ✓ Essentially Odorless, No Toxic Vapors
- ✓ Resistant to Petrochemicals & Jet Fuels

RANGE OF APPLICATION

- ✓ To fill cracks, damaged control joints, construction joints on horizontal concrete
- ✓ Highways, Taxiways, Runways, Sidewalks
- ✓ Highly flexible, allowing slab movement, yet strong enough to protect the vertical edges of concrete from spalling under extreme loading

TYPICAL APPLICATION ENVIRONMENTS

- ✓ Industrial Facilities
- ✓ Highways / Freeways
- ✓ Taxiways
- ✓ Refueling / Maintenance Areas
- ✓ Bridge Decks
- ✓ Airport Runways
- ✓ Sidewalks
- ✓ Cold Storage Facilities
- ✓ Food Processing Facilities
- ✓ Freezers

TYPE OF MATERIAL

SealBoss 6500-45 QuickFix is a technologically advanced self leveling, 100% solids, two component, 1:1 ratio, flexible, joint filler for exterior and interior applications. The shore A hardness of 45 offers necessary product properties for medium to high thermal cycling.

SealBoss 6500-45 QuickFix is excellent for time critical applications even in adverse temperature conditions ranging from -20F to 130F. The tack free time is approximately 3 minutes. Jobsites can be reopened to vehicle and foot traffic after one hour. Exposure to sunlight (UV) may cause slight discoloration, however the physical properties are essentially unaffected.

**Exterior - Interior
Joint Filler & Repair System
Flexible, Fast Cure
Two Component Polyurea**

SealBoss 6500-45 QuickFix formula is suited for exterior control joints, new construction joints, and exterior random cracks on horizontal concrete surfaces to help protect from vehicles and seal joints against water and debris. The product is highly flexible to allow for normal joint and slab movement as designed, yet strong to protect the vertical concrete edges from spalling under light loads. Exposure to ultraviolet light will result in slight discoloration while the physical properties are unaffected. It is recommended to broadcast sand over the material before curing to minimize UV discoloration.

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. Surface must be clean, dry and solid.

If using a saw to cut concrete and clean the crack, remove all the dust from the cut out area. 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 1 minute and do not allow mixed material to reside in static mixing head or mixer for more than 45 seconds 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. Minimum age of concrete should be 21-28 days, depending on curing and drying conditions prior to applications. Refer to our supplemental literature and guidelines.

MAINTENANCE OF EQUIPMENT

Remove all excess sealant and any smears. Tools and mixing equipment are best cleaned immediately after use. Solvents are hazardous, 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)		Clear Or Other
Viscosity (mixed)		Self Leveling
Mix Ratio (by volume)		1:1
Pot Life 100 grms at 77F		1 - 1.5 min
Tack Free , Thin Film at 77F		3 min
Initial Cure		15 min
Final Cure		60 min
% of Elongation	ASTM D-412	650-660
Tensile Strength, psi	ASTM D-412	550-560
Tear Strength, psi Die C	ASTM D-624	100-105
clean concrete, psi	ASTM C-882	500
Shore "A" Hardness	ASTM D-2240	45-48A
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 by volume units:	22/44/56 oz. Cartridges, 2 gal. Units, 10 gal. Units
22oz. cartridge yields 39 cu. in.	
Shelf Life:	1 year in original unopened container.
Storage Conditions:	Store at 55F-85 F.
Disposal:	Empty containers must be drip free.

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



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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