

SealBoss® 6500 HM 'Hand Mix' QuickFix

Extended Pot Life - Hand Mix
Two Component Flexible
Polyurea Joint Repair System

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 . Only 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

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| <ul style="list-style-type: none">✓ Industrial Facilities✓ Warehouse Floors✓ Manufacturing Facilities✓ Pulp and Paper Mills✓ Bottling and Canning Facilities | <ul style="list-style-type: none">✓ Airports✓ Water and Waste Water Treatment✓ Cold Storage Facilities✓ Food Processing Facilities✓ Freezers |
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TYPE OF MATERIAL

SealBoss 6500 QuickFix is a technologically advanced multiple application product with a retarded reaction time (pot life) to permit 'hand mix' use and larger batches. This polyurea is a moisture insensitive, 100% solids, two component, 7:1 (seven to one) ratio, very flexible elastomer.

6500 QuickFix is an excellent joint and crack filler for concrete in applications. 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.

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 parts by volume of Component "A" and Component "B" preferably by mixing the B side into the A side container.

The material can be mixed with sand or quartz sand and other approved fillers in a ratio of up to 30% if so desired. Use of filled product will prolong the reaction time.

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)	Gray, Black, or other
Viscosity (mixed)	Self Leveling
Mix Ratio (by volume)	7:1
Pot Life 100 grms at 77F	8-12 min
Tack Free , Thin Film at 77F	40 min
Initial Cure	120 min
Final Cure	5 days
Solids Content	100%
% of Elongation (ASTM D-412)	>600
Tensile Strength, psi (ASTM D-412)	>2100
Shore "A" Hardness (ASTM D-2240)	80-85A
Tear Strength, pli, Die C (ASTM D-624)	>450
Bond Strength, fully cured clean concrete, psi ASTM C-882	400
Toxicity	Essentially Non-Toxic in Cured Form
Resistance to Chemicals	Resistant to Most Organic Solvents, Mild Acids, Alkali and Micro Organisms

Chemical Resistance Chart
available

PACKAGING:

1 gal. Kit, 0.825 gal A/ 0.172gal B, 7:1 ratio by volume unit

Shelf Life: 6 months in original unopened container.
Storage Conditions: Store at 55F- 95 F.
Disposal: Empty containers must be drip free.

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