

6500 HM QuickFix Hand Mix Polyurea Filler



Product Description

SealBoss® 6500 HM QuickFix Hand Mix is a technologically advanced, two component, 7:1 ratio, 100% solids, flexible polyurea elastomer product with a retarded pot life.

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 -28C (-20F) to 54C (130F). 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 parts at 7:1 ratio by volume of Component "A" and Component "B" preferably by mixing the B side into the A side container. Mix only the quantity that can be used within the pot life of the product. The material can be mixed with sand or quartz sand and other approved fillers in a ratio of up to 30%. Use of filled product will prolong the reaction time. Do not add solvents or thinners. 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.

Extended Pot Life Joint Filler & Joint Repair System

SealBoss® 6500 HM 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

Advantages

- 100% Solids and VOC Free
- Remains Flexible, Even in Cold Temperatures
- Return Project to Service in 60 Minutes
- Cures From -0C / 32F to 54C / 130F
- 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

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.

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TECHNICAL DATA

PHYSICAL PROPERTIES:

Color (A+B)

Viscosity (mixed)

Mix Ratio (by volume)

Pot Life 0.1kg at 25C / 77F

Tack Free , Thin Film at 25C / 77F

Initial Cure at 25C / 77F

Final Cure at 25C / 77F

% of Elongation

Service Movement

Tensile Strength, psi

Bond Strength, fully cured clean concrete, psi

Tear Strength, pli, Die C

Shore "A" Hardness

Resistance to Chemicals

Charcoal Grey,

Black, or other

Self Leveling

7:1

8-12 min

40-50 min

120 min

5 days

600

ASTM D-412

± 20%

>2100

ASTM D-412

400

ASTM C-882

>450

ASTM D-624

80-85A

ASTM D-2240

Resistant to Most Organic Solvents,

Mild Acids, Alkali and

Micro Organisms

PACKAGING:

Units

Shelf Life:

Storage Conditions:

Disposal:

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

6 months in original unopened container

Store at 55F-95 F.

In accordance with all applicable laws and regulations

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 fluidR

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



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