

SealBoss®

6880 EP QuickFix



Product Data Sheet

Industry Standard Epoxy Joint Filler

Product Description

SealBoss® 6880 EP QuickFix is a two component, 1:1 ratio, low viscosity, heavy duty, epoxy joint filler designed to protect joints and joint edges in industrial concrete floors from traffic and load related damages and spalling. The product is also suitable for standard floor joint and floor crack repair.

SealBoss® 6880 EP QuickFix joint filler bonds tightly to the sides of concrete joints, prevents contaminant and water penetration, and delivers high wear resistance and durability. The ambient temperature range for the cured product should be from 40°F (10°C) to +120°F (50°C). SealBoss® 6880 EP QuickFix is designed for use on concrete floors. References: 03251 (expansion/contraction joints), 03300 (cast-in-place concrete) and/or 03930 (control joint sealers). Ask your SealBoss® technician for details. The product is for professional use.

Installation Guidelines

SealBoss® 6880 EP QuickFix should be applied to full joint depth in dry and dust-free saw-cut control joints at a depth of 2 in (5 cm), see ACI and PCI guidelines. Very deep shrinkage cracks beyond the saw-cut depth may be sealed with a 1/4" (0.5 cm) layer of clean, dry silica sand prior to applying the product. Note: Use of Backer Rod may de-stabilize the load bearing properties of the product. If reduced load bearing properties are acceptable, Backer Rod can be used in through-slab construction (cold) joints if a minimum of 2 in (5 cm) of depth remains for product. To ensure adequate adhesion, ACI recommends a slab cure of 60-90 days or longer to permit for greater concrete shrinkage/joint opening, lessening the expected incidence of joint filler separation. 28 day cure times should be considered the absolute minimum. Floor temperature and product temperature must be between 60-90°F (16-33°C) during the application for complete cure. Temperatures below 50°F (10°C) will inhibit the cure.

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. Wear appropriate safety goggles, gloves and safety clothing at all times. 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.

SealBoss® 6880 EP QuickFix Advantages

- Superior Pump Grade Formulation
- JointMaster G3 Compatible
- 1:1 Mix Ratio
- Load-Supporting Rigidity
- Spall-Preventing Strength
- Movement-Permitting Flexibility
- 100% Solids Epoxy Formulation
- VOC Free
- ACI, PCA Guidelines Compliant
- USDA/FDA Compliant

SealBoss® QuickFix 6880 EP Joint Filler Epoxy is formulated to fill and protect joints in industrial concrete floors that are subject to material handling traffic and heavy loads. The product supports and protects joint edges from spalling.

Recommended Joint Filler Pump:

JointMaster Pro2 G3i Digital

Joint Preparation

Thoroughly remove all dust, debris and moisture from joints to not compromise adhesion. Use a dustless concrete saw with diamond blade. For clean concrete surfaces, primer is not needed. Caution: Thoroughly read SDS and installation instructions prior to opening containers or dispensing.

Mixing: Use a variable speed drill at low RPM and two paint mixing paddles (Jiffy or similar) to pre-mix SealBoss® 6880 EP QuickFix Parts A and B for approx. 3 minutes prior to pouring into pump tank. Do not dilute or alter material.

Dispensing: Best results are obtained by dispensing through a dual-component dispensing pump such as the **SealBoss® JointMaster Pro 2 G3i Digital** or through a bulk-type caulking gun.

SealBoss® 6880 EP QuickFix should be installed in a two pass method. The first pass should fill the joint to within 1/2" of floor surface. Within 30 to 90 minutes overfill joint slightly with a second pass. Check joints periodically for material loss due to seepage. Allow material to solidify appropriately before shaving or grinding material flush with floor surface. If shaving, a warm ambient temperature may ease the shaving process and ensure a smoother filler profile. Use appropriate respirator mask if heating material. Any overfill may leave a slight stain on concrete depending on surface density. Stains may fade over time.

Clean-Up: Spills of unmixed components can be cleaned up with solvent. Observe all safety warnings. Cured product can be scraped or shaved off floor and tools. Installed and cured SealBoss® 6880 EP QuickFix is basically maintenance free. Should joints open due to concrete shrinkage, fill voids exceeding credit card width (1/32 in) or (0.08 cm) with additional SealBoss® 6880 EP QuickFix.

Limitations

SealBoss® 6880 EP QuickFix is a joint filler formulated for use in industrial concrete floors as specified. The product is not designed for use in true expansion/isolation/working joints, exterior joints, joints exposed to extreme chemical exposure or joints under VCT/seamless floor coverings. The product may discolor if exposed to UV.

SealBoss® 6880 EP QuickFix



Technical Data

| | | |
|------------------------------------|--------------|--------|
| Mix Ratio by Volume, A:B | 1:1 | |
| Color | Grey | |
| Application Thickness | > 1/8" (3MM) | |
| Hardness, Shore A at 70°F (21°C) | A80-90 | D-2240 |
| Tensile Strength, psi | 600-650 | D-638 |
| Tensile Elongation, at 70°F (21°C) | 80-90% | D-638 |
| Pot Life, min at 70°F (2°C) | 15-20 | |
| Curing Time, hours at 70°F (21°C) | 24 | |
| Solids Content | 100% | |
| Shrinkage | Negligible | |

PACKAGING:

| | |
|----------------------------|---|
| 1:1 ratio by volume units: | 5 / 55 Gallon Kits |
| Shelf Life | 1 year in original unopened container. |
| Storage Conditions | Store at 50-90°F. |
| Disposal | In accordance with all applicable laws and regulations. |

| Joint Size (us) | LF/Gal | Joint Size (Metric) | M/Gal |
|-----------------|--------|---------------------|-------|
| 1/8" x 1 1/4" | 125 | 3 x 31 | 38 |
| 1/8" x 1 1/2" | 100 | 3 x 38 | 30 |
| 1/8" x 1 3/4" | 85 | 3 x 44 | 26 |
| 3/16" x 3/4" | 135 | 5 x 19 | 41 |
| 3/16" x 1" | 100 | 5 x 25 | 30 |
| 3/16" x 1 1/4" | 85 | 5 x 31 | 26 |
| 3/16" x 1 1/2" | 70 | 5 x 38 | 21 |
| 3/16" x 1 3/4" | 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 1 1/4" | 60 | 6 x 31 | 18 |
| 1/4" x 1 1/2" | 50 | 6 x 44 | 14 |
| 1/4" x 1 3/4" | 45 | 6 x 50 | 12 |
| 1/4" x 2" | 40 | 9 x 25 | 15 |
| 1/2" x 1" | 40 | 13 x 25 | 12 |

Fast Cure & Low Temperature Requirements

For fast cure and low temperature requirements please refer to the SealBoss® 6500 QuickFix Polyurea JointFiller System.

Floor Spall Repair

For fast cure spall repair refer to the SealBoss® 6060 QuickFix Spall Repair System.



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