

6880 EP QuickFix

Heavy-Duty, Semi-Rigid Epoxy Joint Filler for Class 6-9 Industrial Concrete Floors

SB 6880 EP QuickFix Advantages



- Superior Pump Grade Formulation
- JointMaster 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

The SealBoss® QuickFix Joint Filler Principle

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.

SealBoss® offers decades of international experience, successful results and developments in the construction chemical product industry.

Product Description

SealBoss® 6880 EP QuickFix is a two component, 1:1 ratio, low viscosity epoxy formulated to fill and protect joints in industrial concrete floors, support traffic and protect joint edges from spalling. The product is also suitable for joint and 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 40F (10C) to +120F (50C). The product is for professional use.

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).

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" (5cm), see ACI and PCI guidelines. In formed construction joints (not saw-cut), **SealBoss® 6880 EP QuickFix** should be installed 2" (5cm) deep. Very deep shrinkage cracks beyond the saw-cut depth may be sealed with a 1/4" (0.5cm) 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" (5cm) 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.

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 MSDS 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 ratioed at 1:1 such as the **SealBoss® JointMaster Pro 2 V2** 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") or (0.08cm) 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.

Shipping and Storage

Ship in accordance with all applicable laws. Refer to SDS for more information. Store unopened in dry area for up to 12 months from date of production at temperatures between 45°F and 85°F for best performance. See shelf life details on the material packaging.

Health and Safety

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Technical Properties

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



Coverage

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

Note:

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 PU Spall Repair System



MSASA
Construction Solutions for Africa

CAPE TOWN
Tel: +27 (0)87 231 0253
Unit 5 | M5 Freeway Park
Upper Camp Rd | Maitland | 7405
Cape Town | South Africa

JOHANNESBURG
Tel: +27 (0)82 785 8529
64 Maple Street | Pomona
Kempton Park | Johannesburg | 1619
South Africa

Email: info@msasa.co.za | www.msasa.co.za

Health and Safety

Protect your health! While working with this material, always use safety goggles, gloves and safety clothing consistent with OSHA and all applicable local and jobsite regulations. When handling hazardous materials or pressurized materials, or during any application that may result in spills, splashes or airborne particles, a full face shield is strongly recommended. 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 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.: 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 201505