

**CE-133**  
**11/13 Supersedes 01/99**

### ***FLEXJOINT<sup>®</sup> JOINT FILLER***

#### **DESCRIPTION**

FLEXJOINT Joint Filler is a two-component sealant for contraction and control joints in corrosion-resistant floor construction. FLEXJOINT Joint Filler is designed to offer some movement capability in addition to load transfer across the joint. It provides high bond strength and good traffic bearing characteristics where resiliency, flexibility, and chemical resistance are required. **Consult Corrosion Engineering specification [CES-130](#) for complete installation details.**

#### **AREAS OF USE**

FLEXJOINT Pouring Grade is fluid at normal temperatures and is used for filling horizontal joints in acid brick floor construction, concrete floor slabs, column pedestals, foundations, piers, latex cement floor toppings, epoxy and vinyl ester resin toppings, metal, glass, and ceramic tile.

FLEXJOINT Pouring Grade may also be used to seal control joints in concrete.

FLEXJOINT Pouring Grade should NOT be used for filling moving expansion joints or where the installation is out of doors or within cold rooms. In such installations, substitute TUFCEM II Sealant or FLEXJOINT U500 Sealant.

#### **OUTSTANDING FEATURES**

- FLEXJOINT Joint Filler is corrosion resistant.
- FLEXJOINT Joint Filler offers outstanding recovery. Over 95% of the original shape may be recovered after prolonged exposure to heavy weight loads.
- FLEXJOINT Joint Filler provides balanced sealant hardness. This minimizes damage due to passage of traffic over joints, yet absorbs concrete expansion at joint rather within the slab itself.
- FLEXJOINT Joint Filler absorbs the stresses of irreversible growth compression in brick floor construction without developing counter stresses in the masonry.

**TYPICAL PHYSICAL PROPERTIES**

PROPERTY	POURING GRADE
Cured Mortar Density	94 lbs/cu. ft. (1506 kg/m <sup>3</sup> )
Tensile Strength (ASTM C-307) after 14 days @ 70°F (21°C)	1,130 psi (7.8 MPa)
Tensile Elongation (ASTM D-638) after 30 days @ 70°F (21°C)	50%
Compressive Yield (ASTM C-306) after 28 days @ 70°F (21°C)	1,500 psi (10.3 MPa)
Bond Strength (ASTM C-321) after 28 days @ 70°F (21°C)	Greater than strength of concrete
Moisture Absorption (ASTM C-413)	Approximately 1%/wt
Hardness, after 28 days @ 70°F (21°C)	45 (Shore D)
Color	Black
Minimum setting temperature	50°F (10°C)

**ESTIMATING/PACKAGING THEORETICAL QUANTITIES – NO OVERAGE ALLOWANCE**

PRODUCT	CODE	PACKAGING	COVERAGE
FLEXJOINT Pouring Grade - Black	19690	4 x1 gal (9.6 lb) units /case	1/8" X 1/8" – 944 lineal ft./unit 1/8" X 1/4" – 472 lineal ft./unit 1/4" X 1/4" – 236 lineal ft./unit 1/4" X 1/2" – 118 lineal ft./unit 1/2" X 1/2" – 59 lineal ft./unit
FLEXJOINT Pouring Grade - Gray	19691	4 x1 gal (9.6 lb) units /case	1/2" X 1" – 30 lineal ft./unit 1" X 1" – 15 lineal ft./unit

**SAFETY PRECAUTIONS / DISCLAIMER**

Mixes and applications of this product present a number of hazards. Read and follow the hazard information, precautions and first aid directions on the individual product labels and [material safety data sheets](#) before using. While all statements, technical information, and recommendations contained herein are based on information our company believes to be reliable, nothing contained herein shall constitute any warranty, express or implied, with respect to the products and/or services described herein and any such warranties are expressly disclaimed. We recommend that the prospective purchaser or user independently determine the suitability of our product(s) for their intended use. No statement, information or recommendation with respect to our products, whether contained herein or otherwise communicated, shall be legally binding upon us unless expressly set forth in a written agreement between us and the purchaser/user.



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