

#715 & #716 JOINT FILLER

HEAVY DUTY LOAD BEARING JOINT FILLER TO CREATE SEAMLESS FLOORING SYSTEMS

1. PRODUCT NAME

#715 LIQUID JOINT FILLER
#716 GEL JOINT FILLER

2. MANUFACTURER

Polygem, Inc.
1105 Carolina Drive
West Chicago, IL 60185
Telephone: (630) 231-5600
FAX: (630) 231-5604
Internet: www.polygem.com

3. PRODUCT DESCRIPTION

Polygem's #715 Liquid & #716 Gel Joint Fillers are 100% Solids, Moisture-insensitive, Non-shrink, Two-Component Modified Epoxy Joint Filler.

Advantages

- Non-Shrinking
- Good working time
- Nearly No Odor
- NO VOC's
- Waterproofs
- Excellent Strength Properties
- Moisture-Insensitive Formula
- Easy to Place and Shave
- Excellent Impact Resistant
- High Load Bearing Strength
- Cures Down to 40°F

Uses

On dry or damp concrete, saw cut or control joints, for foot, vehicular, pneumatic tire and hard plastic wheel traffic.

4. APPLICATION INSTRUCTIONS

The product has a convenience mix ratio of 1 to 1 by volume and may be troweled or pumped into the joint void. Follow ACI's Standard Joint Specifications for sizing and filling the joint depth to 25% of the concrete thickness. If the crack at the bottom of the joint is open, materials such as backer rod may be used to prevent epoxy from seeping out of joint void to be filled.

Packaging – 2, 4, 10 gallon kits

Shelf Life

Factory sealed containers of this product are guaranteed to be of first quality for 12 months.- Keep from Freezing

Limitations

Do not apply to exterior surfaces if rain is expected within 12 hours after application or in direct sunlight at ambient temperatures more than 90 degrees F. Do not apply to frozen or frost surfaces. Not recommended for asphalt surfaces- always apply a test area.

Cautions

- Wear chemical goggles and NIOSH approved respirator. Wear proper protective clothing and gloves to prevent direct contact of resins. Consult Safety Data Sheet for full listing protective requirements.
- #715 & #716 may irritate eyes and skin. Avoid contact with eyes or prolonged contact with skin.
- For professional use only.
- Keep out of reach of children.

5. TECHNICAL DATA

Performance Properties @ 73F., 50% R.H.

Test/Test Method Results

Viscosity, cps

Liquid 900-1200

Gel Non-sag

Color

Straw

Pot Life, minutes

10-14

Consistency

Flowable

Tack-Free Time, hours

40°F 8-10

73°F 6-8

90°F 4-6

Tensile Properties (ASTM D638)

7 Days

Tensile Strength

1,100psi

Elongation at Break

85-100%

Compressive Strength (ASTM D695)

Temp/ 1day/7days

40°F 1,100/2,100psi

73°F 1,200/2,200psi

90°F 1,400/2,200psi

Pull Off Strength-Adhesion to Concrete(ASTM D4541)

Temp/ 7days

40°F 250psi

73°F 275psi

90°F 295psi

Hardness, Shore D (ASTM D2240)

7 days 35-45

Water Absorption (D570)

7 days 0.60%

Polygem, Inc. warrants its products to be free of manufacturing defects and that, at the time and place of shipment, our material will meet current physical properties when applied within Polygem's directions and tested in accordance with ASTM and Polygem standards. Polygem, Inc.'s liability is limited to replacement of material found defective. As Polygem, Inc. has no control over the use to which others may put its products, it is recommended that the product be tested to determine if suitable for a specific application and/or our information is valid in a particular circumstance. Responsibility remains with the architect or engineer, contractor and owner for the design, application and proper installation of each product. Nothing contained herein shall be construed to be a recommendation to use or as a license to operate under or to infringe any existing patents.

#715 AND #716 JOINT FILLER DATA SHEET 04/2017

Data sheets are subject to change without notice