



TECHNICAL DATA SHEET
Product Name: JointSeal Poly

Product Description:

JointSeal Poly is a 2-component elastomeric sealing polymer system designed to act as a crack and hole filler in concrete, metal, composite and foam joints, . This material provides exceptional adhesion characteristics, material toughness and impact, abrasion resistance and fast cure times. It is strictly for fast production installations and high performance material requirements. It is high performance characteristics provide good chemical resistant, UV stability, insensitivity to water and remains thermally stable in a range of -20°F (-29 C) to 250°F (125 C). It may be used under ProFloor Epoxy floor coating system or any of our other 2K materials. This elastomeric material is available in 2 formulations for horizontal and vertical paste applications. It meets FDA regulations for indirect food contact (CFR 21, Sec. 175-300).

- Fast-Setting formulations provide for quick efficient installation.
- Superior chemical and mechanical properties to provide a highly durable elastomer.

Material Property Values and Application Requirements Table

Property	*Values relative to density	Test Method
Tensile Strength	3365 psi	ASTM D412
Impact	>400 in. lbs	ASTM D2794
Tear Strength	>450 lb/ lin. in.	ASTM D624
Abrasion Resistance	20 mg loss /1000 cycles	ASTM D4060 (CS-17)
Hardness	Shore 45-50D	ASTM D785
Elongation %	>450%	ASTM D412
Application: Hand-held pneumatic cartridge gun, low pressure 2-component gear pumping machine.		
Mixing Ratio 1A:1B pbv, available in limited colors.		
Surface Preparation: clean and dry, no residual cleaner or other contaminates, approved surface type, primer if required, installation ambient temp. 12°C- 36°C , surface temp. -15°C- 37°C.		
Tack Free Gel Time is 7 min. This material may be top-coated using any of our 2K coating systems.		
Functional operation temperature: -40°C- 65°C., Zero VOC.		
Coverage: 231 in ³ per gal. Build joint sealing to desired thickness.		
See SDS for material safety data. Must wear eye goggles, respiratory protection, gloves, etc.		
KEEP MATERIAL FROM FREEZING, moisture-free temperature controlled storage 12°C- 32°C, 12 month shelf life if never opened. After opening reseal with Nitrogen blanket.		
Packaging: Tote set 550 gal (4900 lbs), 100 gal Drum set (900 lbs), 10 gal Pail set (90 lbs)		

Please contact our Engineering and/or Technical Support Groups with any questions.

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