E4E POLY JOINT FILLER

Technical Data Sheet

Product description
: Poly Joint Filler is a technologically advanced, moisture-insensitive, self-leveling, nonstaining, 100% solids, two-component, 1:1 ratio Polyurea Elastomer joint and crack filler. Designed for concrete with low to medium thermal cycling, PE85 cures rapidly and consistently in applications ranging from 30ºF to 130ºF

Advantages
: Moisture Insensitive
Semi-Rigid to protect joint edges
100% Solids, Contains No VOC's
Can be Polished without Smearing
Meets USDA & FDA Requirements
Return Project to Service in 60 Minutes
Cures From 30ºF to 130ºF
Odorless, No Toxic Vapors
Resistant to Petrochemicals

Uses
: Industrial Facilities
Warehouse Floors
Manufacturing Facilities
Pulp and Paper Mills
Bottling and Canning Facilities
Airports
Water and Waste Water Treatment
Food Processing Facilities

Cure Time	
Tack Free @ 74° F	4 min
Initial Cure	15 min
Final Cure	60 min

Technical Properties		
Elongation	ASTM D412	150%
Tensile Strength	ASTM D412	1100 psi
Shore A Hardness	ASTM D2240	85-87 A
Tear Strength, Die B	ASTM D624	1488

Application Data	
Color	Semi clear, can be tinted
Viscosity	Self Leveling
Pot Life	30 seconds (100 grams @ 74° F)
VOC	0%
Shelf Life	1 year in original unopened container
Packaging	22 oz cartridge
Mix Ratio	1A:1B
Recommended storage temperature	75° F - 85° F

FOR PROFESSIONAL USE ONLY!!

Mixing: Surface must be clean and sound. Remove dust, grease, curing compounds, waxes, foreign particles and disintegrated materials. For bulk mixing, use a one to one ratio metered pump. Only component "B" side needs to be stirred before being loaded into pump. Do not allow material to reside in static mixing head or nozzle for more than 30 seconds or nozzle blockage may result.

Application: Poly Joint Filler is designed specifically for industrial floor applications, which receive heavy vehicle traffic, such as forklifts or steel wheeled carts. To fill interior random cracks, damaged control joints, or new control joints on horizontal concrete. Semi-rigid, allowing small slab movement, yet strong enough to protect the vertical edges of concrete from spalling under extreme loading. Interior and Exterior (exterior applications when little joint or crack movement from thermal cycling will occur.) Exposure to ultraviolet light may cause slight discoloration, however the physical properties are unaffected.

First aid: Remove any contaminated clothing. For eye contact, flush immediately with plenty of water for at least 15 minutes; contact physician immediately. For respiratory problems, remove person to fresh air. For skin contact, remove immediately with a dry cloth or paper towel. Wash area of contact thoroughly with soap and water. Solvents should not be used because they carry the irritant into the skin. Wash contaminated clothing prior to re-use. Cured products are innocuous.

Clean-up/Storage: Cured product may be disposed of without restrictions. Excess liquid 'A' and 'B' material should be mixed together and allowed to cure, then disposed of in the normal manner. Cured materials may be stripped or peeled from plastic tools and containers. It is recommended that metal tools be cleaned within one hour of use by cutting or peeling cured material from tool.

Limitations Do not thin ... solvents will prevent proper cure.
Not for sealing cracks under hydrostatic pressure.
Material is a vapor barrier after cure.
Minimum age of concrete must be 28 days, depending on curing and drying conditions prior to applications

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