

PTi - Paste ©

Industrial Polysulfide

Product Specifications & Technical Data

Description

PTi - Paste © is a high performance, chemical resistant elastomeric joint sealant. Due to its high polysulfide polymer content, it is resistant to many chemicals, shrinkage, aging, thermal stress and the effects of outdoor exposure.

Benefits

- Retains elasticity even as concrete moves
- Resistant to many chemicals, including:
ASTM Fuels A, B, C, & D
- Contains no volatile solvents
- Certified NSF Standard 61, Sec. 6

Recommended Uses

PTi - Paste © is intended for use in concrete expansion joints in warehouses and in outdoor applications. It resists the effects of sunlight, rain, snow, ozone, aging, and daily and seasonal cyclic changes of temperature, even after years of service. It is used in process and storage areas exposed to mild acids, alkalis, and petroleum products. Typical applications include seals in bridges, roadways, warehouse floors, dike walls, and floors in secondary containment areas, tank chine seals and concrete panels. PTi - Paste © has the unique ability to maintain its flexibility even in outdoor applications where other sealants may become rigid, disbond or lose their flexibility.

Limitations

Do not apply in temperatures less than 40-degrees F or greater than 95-deg. F. (material cures slower at cooler temperatures and working time will be substantially reduced at higher temperatures.) Both components should be stored at temperatures between 65 and 85 F. Do not thin with solvents. Confirm product performance in specific environment prior to use. Substrate temperature must be at least 5-degrees F above the dew point.

Typical Properties

Tensile Strength (ASTM C-307)	150-200 psi
Elongation (ASTM D-412)	500-550 %
Hardness Shore A (ASTM D2240)	25-30
Solids	100%
Joint Movement	(+/-) 25%
Pot Life @ 77-deg. F	1 hours
Tack Free @ 77-deg. F	6 hours
Full Cure @ 77-deg. F	7 days

Data shown above reflects typical results based on laboratory testing under controlled conditions. Reasonable variations from data shown may result.

Precautions

Always use protective clothing, gloves, and goggles, consistent with OSHA regulations during use. Avoid eye and skin contact. Do not ingest. Refer to Material Safety Data Sheet for detailed safety precautions.

Preparation

Use of PTi - Paste © in the Prevention Technologies, Inc. systems requires specific safety and application training provided by Prevention Technologies, Inc. and results in certification. Product will not be provided without required training.



Prevention Technologies, Inc.

347 W 2nd Street, Moorestown, NJ 08057 --- Phone 856-273-9700

PTi - Self Leveling ©

Industrial Polysulfide

Product Specifications & Technical Data

Description

PTi - Self Leveling © is a high performance, chemical resistant elastomeric joint sealant. Due to its high polysulfide polymer content, it is resistant to many chemicals, shrinkage, aging, thermal stress and the effects of outdoor exposure.

Benefits

- Retains elasticity even as concrete moves
- Resistant to many chemicals, including:
ASTM Fuels A, B, C, & D
- Contains no volatile solvents
- Self-leveling for ease of application and results

Recommended Uses

PTi - Self Leveling © is intended for use in concrete expansion joints in warehouses and in outdoor applications. It resists effects of sunlight, rain, snow, ozone, aging, and daily and seasonal cyclic changes of temperature, even after years of service. It is used in process and storage areas exposed to mild acids, alkalies, and petroleum products. Typical applications include sealing joints in bridges, roadways, warehouse floors, dike walls, and floors in secondary containment areas. PTi - Self Leveling © has the unique ability to maintain its flexibility even in outdoor applications where other sealants may become rigid, disbond or lose their flexibility.

Limitations

Do not apply in temperatures less than 40-degrees F or greater than 95-deg. F. (material cures slower at cooler temperatures and working time will be substantially reduced at higher temperatures.) Both components should be stored at temperatures between 65 and 85 F. Do not thin with solvents. Confirm product performance in specific environment prior to use. Substrate temperature must be at least 5-degrees F above the due point.

Typical Properties

Tensile Strength (ASTM C-307)	200-225 psi
Elongation (ASTM D-412)	500-550 %
Hardness Shore A (ASTM D2240)	20-25
Solids	100%
Joint Movement	(+/-) 25%
Pot Life @ 77-deg. F	30 min
Tack Free @ 77-deg. F	6 hours
Full Cure @ 77-deg. F	7 days

Data shown above reflects typical results based on laboratory testing under controlled conditions. Reasonable variations from data shown may result.

Precautions

Always use protective clothing, gloves, and goggles, consistent with OSHA regulations during use. Avoid eye and skin contact. Do not ingest. Refer to Material Safety Data Sheet for detailed safety precautions.

Preparation

Use of PTi - Self Leveling © in the Prevention Technologies, Inc. systems requires specific safety and application training provided by Prevention Technologies, Inc. and results in certification. Product will not be provided without required training.



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