

MPS™200

Modified Polymer Silane Sealants



Building
&
Transportation



Oil, Gas
&
Industrial



Offshore
&
Onshore



Water
&
Wastewater



PRODUCT DESCRIPTION

CTech-LLC[®] MPS™200 is a high performance, flexible, one-component sealant based on modified polymer silane. It maintains permanent flexibility with a high bond strength that provides outstanding durability. CTech-LLC[®] MPS™200 can be applied on damp substrates which is prohibited with PU sealant. This feature allows application of CTech-LLC[®] MPS™200 sealant even after rain, thus giving your project a greater flexibility.

TECHNICAL DATA

	Unit	MPS™200
Chemical Base	-	Modified Polymer Silane
Color*	-	Gray
Density ASTM D 1475	gr/cm ³	1.4
Elongation at break ISO 8339	%	350
Shore A Hardness ASTM C 661	-	15
Movement Capability	%	±25
Application Methods	-	pneumatic or manual gun
Consumption	ml	6.0 meters per 600 ml cartridge (10x10 mm section)
Storage Conditions	°C	Store dry at 5 – 25
Application Temperature Range	°C	From +5 to +30
Curing Rate**	mm/hours	3/24 (23 °C, 50% relative humidity)

* For special orders of other colors, contact Customer Service.

ADVANTAGES

- Flexible modified polymer silane based mastic sealant
- One-component formula requires no mixing, helping to reduce labor costs
- Easy to gun and tool, speeding up application and making neater joints
- Good Adhesion to a wide range of substrates
- Joint movement capability ±25%
- Single component & convenient packing

- weathering and UV resistance to maintain colour and integrity
- No bubbling
- Compatible with damp substrates during application
- Contains no isocyanate
- Eco-friendly, no odor, very low VOC

TYPICAL USES

CTech-LLC[®] MPS™200 has been developed for sealing expansion and contraction joints in horizontal and vertical surfaces in buildings and civil engineering and hydraulic works (irrigation canals, water supply systems, tanks, airport runways, etc.).

INSTALLATION PROCEDURE

PREPARATION OF SUBSTRATE

- Surface must be clean, sound, and dry. Do not apply over contaminated, loose surfaces, old sealants, or other foreign substances that may impair adhesion.

APPLICATION

- Apply the sealant by using a pneumatic or manual gun, avoiding air entrapment.
- Place nozzle of gun into bottom of the joint and fill entire joint.
- To avoid the sealant spreading out of the joint and to leave an attractive finish we recommend using masking tape around the joints

STORAGE & SHELF LIFE

Store in original, unopened packaging in cool, dry conditions protected from direct sunlight and at temperatures between

+5°C and +25°C. 12 months from date of manufacture if stored correctly as stated.

CAUTION

Sealants may cause skin irritation and sensitization. Use of chemical resistant gloves is recommended. Using safety goggles is necessary.

CTech-LLC[®]

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IMPORTANT NOTE:

Before using any CTech-LLC[®] product, the user must review the most recent version of the product's technical data sheet, material safety data sheet and other applicable documents, available at www.ctech-llc.com.

WARANTY:

CTech-LLC[®] warrants its products to be free from manufacturing defects. Buyer determines suitability of product for use and assumes all risks. Buyer's sole remedy shall be limited to replacement of product. Any claim for breach of this warranty must be brought within one month of the date of purchase. CTech-LLC[®] shall not be liable for any consequential or special damages of any kind, resulting from any claim or breach of warranty, breach of contract, negligence or any legal theory. The Buyer, by accepting the products described herein, agrees to be responsible for thoroughly testing any application to determine its suitability before utilizing.