



MX 12 Technical Data Sheet

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Self Leveling Structural Sealant and Adhesive

MX 12 is a single-single component self-leveling sealant designed for sealing applications requiring increased resistance to oils, fuels, specific chemicals, and elevated sources of heat. It is a moisture-curing sealant developed for industrial uses requiring elasticity and adhesion under challenging conditions.

MX 12 is tough, elastic and waterproof. It bonds aggressively to steel, aluminum, ceramics, coated metal, EPS, glass, wood and many plastics (PVC, FRP, etc.). **MX 12** is suited for many applications requiring adhesion to concrete and cementitious building materials. **For improved results, use PU-200 Primer before applying MX 12 to concrete.**

MX 12 is based on a unique polymer system that is able to cure at temperatures below freezing. However, surfaces should be frost free. MX-12 has excellent weathering characteristics.

Features and Benefits

- Low Odor
- Specific chemical resistance
- Extremely low shrinkage
- Excellent weatherability
- Permanently elastic in a broad temperature
- Paint compatible
- Solvent and isocyanate free, 100%
- Non-flammable

Physical Properties

- Basic Material: Proprietary Hybrid Polymer
- Consistency: Thin Paste
- Color: Black, Gray and White
- Odor: Nil
- Components: 1
- Specific Gravity: 1.5-1.6
- Solvent Percentage: 0
- Isocyanate Percentage: 0
- Shelf Life: 6 months in unopened containers stored between 60° and 80° F.

Approximate Performance Properties

Tensile Strength	260 psi	ASTM D-412
Elongation at Break	290%	ASTM D-412
Hardness Shore A	46 (14 day ambient cure)	ASTM C-661
Initial Skin Forming	20 minutes	
Low Temperature Flex	-20° F ASTM D-412	---PASS---
Service Temperature	-40°F to 300° F, temporarily resistant to 390° F.	

Disclaimer: The information we provide is accurate to the best of our knowledge, and we do not assume any liability as to its accuracy or completeness. We do not guarantee that any hazards that we may mention are the only hazards that exist. User is responsible to determine the suitability of this product for user's intended application. User is responsible for determining that he can meet all applicable health and safety standards and regulations. We have no control over transportation, storage, handling and use of product and will not be liable for any damages resulting from their use.



Revised: 12/21/09