maxvisco mv10

Surface tolerant self-healing viscoelastic coating for underground applications

mv10 is a non-crystalline viscoelastic polymer for corrosion prevention and sealing of your underground applications. This viscoelastic coating is designed to be applied directly to clean and dry ferrous and non-ferrous surfaces, and it maintains its flexibility and is stress-free, as well as low permeability to water and gases/vapors. **maxvisco 10** is self-healing and does not cure, offering long-term corrosion prevention.

Maximizing your benefits

Viscoelastic materials
Giving it a unique ability to self-heal and protect against corrosion

Excellent impact and indentation resistance
Resists to damages that may occur during installation and backfilling

Self-healing properties
Designed to self-heal to provide superior protection against corrosion

Surface tolerant
Excellent wetting properties with the best penetration into the substrate

Maximizing your applications

- Underground applications
- Oil pipeline
- Gas pipeline
- Valves and flanges
- Tees and elbows
- Pipes fittings
- Field joints
- Soil-to-air transitions
- Buried structures
- Buried components

PROPERTIES	
Color	Light Blue
Application	Underground
Thickness (mm)	≥ 1.5 / ≥ 1.8
Density (g/cm^3)	1.4 to 1.6
Temperature range (°C)	-45 to +70
Glass transition temperature (°C)	≤ -65

TESTS	
Complies to ISO 21809-3	Yes
Crystallization temperature	no crystallization
Holiday Detection Test (5 kV/mm + 5 kV)	no holiday
Adhesion test (23 °C)	0,3 N/mm, ≥ 95% coverage
Lap shear (23 °C)	0,03N/mm^2, coverage ≥ 95%
Resistance to Impact	≥ 15J
Resistance to NaOH (10%)	No changes
Resistance to NaCl (3%)	No changes
Cathodic disbondment	No holiday or disbondment

SURFACE PREPARATION
Minimum St 2 (by hand tool)
Surface profile is not required

PACKING	
MV10-0510	12 rolls per carton
MV10-1010	6 rolls per carton
MV10-2010	2 rolls per carton
MV10-2020	2 rolls per carton

STORAGE	
Storage Temperature	Less than 40 °C
Shelf Life	Does not have a shelf life.

DIMENSIONS (mm x m x mm)	
MV10-0510	50 x 10 x 1.5(1.8)
MV10-1010	100 x 10 x 1.5(1.8)
MV10-2010	200 x 10 x 1.5(1.8)
MV10-2020	200 x 20 x 1.5(1.8)

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