

Paintable viscoelastic coating for aboveground tank chime applications

mv50 is a paintable, non-crystalline, and fiber-reinforced viscoelastic polymer for corrosion prevention and sealing of your aboveground tank chime applications. This flexible viscoelastic coating is designed to be applied directly to clean and dry ferrous and non-ferrous surfaces where heavy pitting exists. maxvisco 50 can be coated to protect the storage tank edge.

Maximizing your benefits

Viscoelastic material

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

Does not harden and has no pot-life limitations

No curing or waiting time, ready for immediate service

Self-healing properties

Designed to self-heal to provide superior protection against corrosion

Paintable

Can be coated with various colors

Maximizing your applications

- Tank chimes
- Aboveground applications
- Oil pipeline
- Gas pipeline
- Valves and flanges
- Areas with heavy pitting
- Structures
- Irregular shapes
- Nuts and bolts
- Field joints

SURFACE PREPARATION

Minimum St 2 (by hand tool)

Surface profile is not required

PACKING

MV50-0510	12 rolls per carton
MV50-1010	6 rolls per carton
MV50-2010	2 rolls per carton
MV50-2020	2 rolls per carton

STORAGE

Storage Temperature Less than 40 °C

Shelf Life 8 years

DIMENSIONS (mm x m x mm)

MV50-0510	50 x 10 x 1.8
MV50-1010	100 x 10 x 1.8
MV50-2010	200 x 10 x 1.8
MV50-2020	200 x 20 x 1.8

PROPERTIES

Color	Light Blue
Application	Aboveground
Thickness (mm)	≥ 1.8
Density (g/cm ³)	1.3 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
Drip resistance (T _{max} + 20 °C)	no dripping (48 hours)
Adhesion test (23 °C)	0,3 N/mm, ≥ 95% coverage
Lap shear (23 °C)	0,03N/mm ² , coverage ≥ 95%
Salt Spray (500 hours)	Pass
UV Resistance	≥85%
Cathodic disbondment	No holiday or disbondment

