

Stretchable viscoelastic coating for subsea and condensing applications

mv90 is a stretchable, non-woven, fabric-backed, non-crystalline self-healing viscoelastic coating for immersion applications. This stretchable viscoelastic coating is the primary layer of maxvisco's two-layer corrosion prevention system and can be applied on condensing or submerged ferrous and non-ferrous surfaces without the need to dry the surface.

Maximizing your benefits

Viscoelastic material

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

Fast and easy to apply

Does not require special tools for application

No cathodic disbondment

Cathodic Protection of steel structures is not affected

Excellent impact and indentation resistance

Resists to damages that may occur during installation and backfilling

Maximizing your applications

- Subsea applications
- Wet surfaces
- Condensed surfaces
- Submerged surfaces
- Splash zones applications
- Pipelines
- Structures
- Irregular shapes
- Valves and flanges
- Nuts and bolts

PROPERTIES	
Color	Brown
Application	Underwater
Thickness (mm)	≥ 3.2
Density (g/cm ³)	1.2 to 1.5
Temperature range (°C)	-20 to +50
Glass transition temperature (°C)	≤ -50

TESTS	
Complies to ISO 21809-3	Yes
Crystallization temperature	no crystallization
Drip resistance (T _{max} + 20 °C)	no dripping (48 hours)
Lap shear (23 °C)	0,04N/mm ² , coverage ≥ 95%
Resistance to NaCl (3%)	No changes
Electrical Insulation	≥ 10 ⁸ Ω·m ²
Resistance to Impact	≥ 15J
Resistance to Fresh Water	Pass
Cathodic disbondment	No holiday or disbondment

SURFACE PREPARATION

Minimum St 2 (by hand tool)

Surface profile is not required

STORAGE

Storage Temperature Less than 40 °C

Shelf Life 8 years

PACKING

MV90-1057 6 rolls per carton

MV90-2057 2 rolls per carton

DIMENSIONS (mm x m x mm)

MV90-1057 100 x 5.7 x 3.2

MV90-2057 200 x 5.7 x 3.2

