

Malleable sealing surface tolerant self-healing viscoelastic compound

mv22 is a non-crystalline molding viscoelastic paste used as part of a corrosion prevention system to fill voids and smooth irregularities in non-uniform structures. It does not cure and offers low permeability to water and vapors, and is stress-free, maintaining flexibility, and is fully compatible with cathodic protection systems. This viscoelastic paste is designed to be applied directly to clean and dry ferrous and non-ferrous surfaces.

Maximizing your benefits

Malleable viscoelastic paste

Easy to mold on irregular shaped objects

Does not age

The sealing remains permanently flexible

No cathodic disbondment

Cathodic Protection of steel structures is not affected

Does not harden and has no pot-life limitations

No material waste and can be re-used

Maximizing your applications

- Sealing and filling
- Fill voids
- Smooth irregularities
- Irregular shapes
- Penetrations
- Molding applications
- Gaps between flanges
- Gaps between gaskets
- Gaps in irregular surfaces
- Nuts and bolts

SURFACE PREPARATION

Minimum St 2 (by hand tool)

Surface profile is not required

STORAGE

Storage Temperature Less than 40 °C

Shelf Life Does not have a shelf life.

PACKING

MV22-0020

6 pieces per carton

DIMENSIONS

MV22-0020

2kg per piece

PROPERTIES

Color	Light Blue
Application	Underground
Thickness (mm)	Not Applicable
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
Drip resistance (T _{max} + 20 °C)	no dripping (48 hours)
Resistance to NaOH (10%)	No changes
Resistance to NaCl (3%)	No changes
Lap shear (23 °C)	0,03N/mm ² , coverage ≥ 95%
Lap shear (T _{max})	0,003N/mm ² , coverage ≥ 95%
Cathodic disbondment	No holiday or disbondment

