

## Paintable, Fabric-Backed, Versatile, Exterior Wrap System

### DESCRIPTION

ConWrap MPS is a paintable, fabric-backed, cold applied, exterior wrap system used to prevent corrosion of metal and concrete. The high-tack adhesive, peel and stick, self-healing, viscoelastic compound completely encapsulates structures, such as pipelines and tank chimes. Fabric backing allows for a wide range of coating applications, including; CS-95 Ultra-Performance Epoxy, CS-1200 Waterborne Waterproof Coating, and CS-1800 Solvent-Free Waterproofing Membrane.



### SEALING PROPERTIES

- Viscoelastic modulus flows into pores and surface anomalies.
- Bonds to metal, concrete, glass, plastics, PVC, vinyl, wood & more.
- Resistant to cathodic disbondment.
- Easy to apply, instant adhesion to substrate.
- Conforms to irregular surfaces.
- Provides a permanent, flexible water and silt barrier.
- Will not shrink, harden or oxidize upon aging.
- High temperature grade option available - ConWrap MPS100.
- No cure time, ready for immediate top coat.
- Available in several standard sizes:
  - **Standard thickness: 80 mils ± 8 mils (2mm ± 0.2mm)**
  - **Standard widths: 4" (10cm) x 24' (7.3M) - 8 rolls/ctn**  
**6" (15cm) x 24' (7.3M) - 4 rolls/ctn**
  - **Custom widths and lengths available upon request.**

### PHYSICAL PROPERTIES

Description	Spec	ConWrap MPS
Color		Gray Compound
Backing		Paintable Fabric
Thickness	<b>ISO 493:1993E</b>	80 mils ± 8 mil (2mm ± 0.2mm)
Density	<b>ASTM D71</b>	1.25-1.40
Service Temperature		-45°F to 158°F (-43°C to 70°C)
Glass Transition Temp	<b>ASTM E1356</b>	-63.3°C
Water Vapor Permeability	<b>ASTM E96/ISO 21809</b>	0 (ng/m*s*Pa)
Cathodic Disbondment @ 73°F	<b>ASTM G8/ISO 21809</b>	Pass (0.0 disbondment)
Surface Resistivity	<b>ASTM D257</b>	3.80E+08
Volume Resistivity	<b>ASTM D257</b>	2.70E+13
Dielectric Strength	<b>ASTM D149</b>	9kv/mm
Impact Strength	<b>ISO 21809</b>	Pass; no holidays
Indentation	<b>ISO 21809 Annex D</b>	23°C Pass (>0.6mm) 70°C Pass (>0.6mm)
UV/Condensation Testing	<b>ASTM D4587, 1000 hours</b>	Slight discoloration, good adhesion to steel
Wet Adhesion	<b>CSA Z245-20-06 Section 12.14</b>	Coating cannot be removed cleanly from steel
Chemical Resistance in aggressive soils	<b>Tested in 30% sulfuric acid, 20% phosphoric acid, 10% nitric acid, and 10% hydrochloric acid</b>	Excellent; no deterioration or corrosion after 3 days @158°F (70°C)

### SURFACE PREPARATION

**For Metal:** Clean the surface with a brush and remove any dirt or debris, which could keep ConWrap MPS from adhering to the metal. Once all debris has been removed, all dust and grease like substances should be removed with denatured alcohol or similar cleaner. Dry surface required before application.

**For Concrete:** Clean the surface with a brush and remove any dirt or debris. Once all debris has been removed, all dust and grease like substances should be removed with denatured alcohol or similar cleaner. Dry surface required before application. Consult Concrete Sealants with questions about your exact application.

### INSTALLATION GUIDELINES

The following procedures should be followed for optimum sealant performance.

- Remove release liner and press adhesive side onto structure.
- Pipe Installation: ConWrap MPS should be applied in a straight circumferential wrap at termination points before continuing in an angled circumferential wrapping method around the length of the pipe using a 1/2" to 1" (13mm - 25mm) overlap. When installation is complete, ConWrap MPS is ready for a wide range of coating applications.
- Tank Chime Installation: Fill gap between tank chime and tank foundation with ConSeal AMS Paste. Apply ConWrap MPS at least 2" (5 cm) on tank chime and 2" (5 cm) on the tank foundation. Overlap ends a minimum of 2" (5 cm). When installation is complete, ConWrap MPS is ready for a wide range of coating applications.

### LIMITED WARRANTY

This information is presented in good faith, but we cannot anticipate all conditions under which this information and our products, or the products of other manufacturers in combination with our products, may be used. We accept no responsibility for results obtained by the application of this information or the safety and suitability of our products, either alone or in combination with other products. Users are advised to make their own tests to determine the safety and suitability of each such product or product combinations for their own purposes. It is the users' responsibility to satisfy himself as to the suitability and completeness of such information for this own particular use. We sell this product without warranty, and buyers and users assume all responsibility and liability for loss or damage arising from the handling and use of this product, whether used alone or in combination with other products.

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