



Don't Just Seal It. ConSeal It!

Cold Applied, Self-Healing, Antimicrobial Exterior Joint Wrap System

DESCRIPTION

ConWrap AMS is a cold applied, self-healing, antimicrobial, 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. A second layer, outer polyethylene tape wrap improves impact resistance and supports the self-healing characteristics of the viscoelastic wrap. ConWrap AMS provides long-term corrosion protection to exposed and buried infrastructure such as: pipelines, flanges, and valves.



SEALING PROPERTIES

- Meets NACE 0109 and ISO 21809-3
- Self-Healing from small cuts, dents or punctures
- Viscoelastic modulus flows into pores and surface anomalies
- Aggressively bonds to metal and concrete structures
- Resistant to cathodic disbanding
- UV resistant
- Provides a permanent flexible water and silt barrier
- Will not shrink, harden or oxidize upon aging.
- Antimicrobial properties are built in to inhibit the growth of bacteria that may affect this product.
- Available in several standard sizes.
 - **Standard thickness: 80 mils ± 8 mils (2mm ± 0.2mm)**
 - **Standard widths: 4" (10cm) x 33' (10M) - 6 rolls/ctn**
 - **6" (15cm) x 33' (10M) - 4 rolls/ctn**
 - **8" (20cm) x 33' (10M) - 4 rolls/ctn**
 - **12"(30cm) x 33' (10M) - 2 rolls/ctn**

PHYSICAL PROPERTIES

Description	Spec	AMS
Color		Gray
Backing Band:		
Thickness, in.		80 mils ± 8 mils (2mm ± 0.2mm)
Specific Gravity	ASTM D71	1.25 - 1.40
Peel Strength	ISO 21809-3 (2016) Annex H	23°C 0.338 N/mm 70°C 0.219 N/mm
Thermal Aging Resistance	ISO 21809-3 (2016) Annex H	23°C 0.317 N/mm 70°C 0.048 N/mm
Impact Strength	ISO 21809-3 (2016) Annex D	15J
Indentation Resistance	ISO 21809-3 (2016) Annex E	No Holiday
Cathodic Disbondment	ISO 21809-3 (2016) Annex G	0 mm Self-Healing
Specific Electrical Insulation Resistance	ISO 21809-3 (2016) Annex F	1.66 x 10 ⁹ Ohms, m ²

P A T E N T P E N D I N G

SURFACE PREPERATION

For Metal: Clean the surface with a brush and remove any dirt or debris, which could keep ConWrap AMS 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.

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. Using a primer on concrete will improve the bonding action. When using a primer, allow the primer to dry before placing ConWrap AMS. Consult Concrete Sealants for the proper primer to meet your application.

INSTALLATION GUIDELINES

The following procedures should be followed for optimum sealant performance.

- Remove release liner and press adhesive side onto structure.
- ConWrap AMS 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" overlap.
- When the ConWrap AMS is complete, immediately begin wrapping the exterior with the polyethylene tape wrap to complete the system.
- The outer polyethylene tape should be applied with tension and a minimum of 50% overlap.

LIMITED WARRANTY

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