

Cold Applied, Self-Healing, Amorphous, Viscoelastic, Peel and Stick Compound

DESCRIPTION

ConSeal PW Sealant is a cold applied, self-healing, viscoelastic sealant used to prevent corrosion of metal and concrete. The high-tack adhesive, easy to apply, self-healing, viscoelastic compound completely encapsulates structures, such as pipe flanges, bolts or other irregular shapes. ConSeal PW Sealant provides long-term corrosion protection to exposed and buried infrastructure.



SEALING PROPERTIES

- Meets NACE 0109 and ISO 21809-3.
- Self-Healing from small cuts, dents or punctures.
- Easy to apply.
- Viscoelastic modulus flows conforms to irregular shapes.
- Aggressively bonds to metal and concrete structures.
- Resistant to cathodic disbondment.
- UV resistant.
- Provides a permanent flexible water and silt barrier.
- Will not shrink, harden or oxidize upon aging.
- Available in several standard sizes.
 - .75" x .75" (19mm x 19mm) x 20' (6M) - 6 rolls/ctn
 - 1.5" x 1.25" (38mm x 31mm) x 10' (3M) - 5 rolls/ctn
 - 1.5" x 1.25" (38mm x 31mm) x 20" (.5M) - 27 sticks/ctn
 - Custom widths and lengths available upon request

PHYSICAL PROPERTIES

Description	Spec	AMS
Color		Gray
Service Temperature		-45°F to 158°F (-45°C to 70°C)
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
Peel Strength (Thermal Aging)	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	No Holiday Detected
Indentation Resistance	ISO 21809-3 (2016) Annex E	23°C Pass (>0.6mm) 70°C Pass (>0.6mm)
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

SURFACE PREPARATION

For Metal: Clean the surface with a brush and remove any dirt or debris, which could keep ConSeal PW Sealant 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 material into substrate to achieve good adhesion and to remove air gaps.
- ConSeal PW Sealant can be formed into smaller pieces to conform around small shapes.
- Mold all pieces to form one cohesive unit.
- After application, the sealant can be immediately wrapped with ConWrap corrosion prevention products.

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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VERSION: 02-AUG-2024



CONCRETE SEALANTS, INC.
ISO 9001:2015 REGISTERED