Revolutionary products . . .

. . . for rebuilding, resurfacing and protecting all types of fluid flow machinery, equipment and structures.

ENESEAL® CR

ENESEAL® CR

Corrosion Resistant, Flexible Coating

UV Resistant
Corrosion Resistant
Water Based
Surface Tolerant

ENESEAL® CR

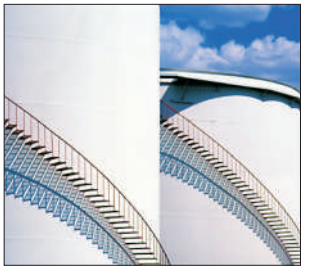
UV resistant, liquid elastomeric coating system which dries to a highly durable, seamless, weather resistant, protective 'skin'.

ENESEAL® CR is a single component, water based, liquid coating which dries to a highly durable, corrosion resistant, elastomeric 'skin' that provides extraordinary environmental protection to metal and concrete / masonry surfaces. It can also be applied as a top coat over most zinc primers.

ENESEAL® CR is a 'surface tolerant' coating system that does not require abrasive blasting. It exhibits excellent adhesion to all types of ferrous metal as well as galvanized surfaces. Mechanical wire brushing, grinding or high pressure water blasting is typically acceptable to achieve good adhesion.

ENESEAL® CR incorporates a unique blend of corrosion inhibitors, UV resistant resins and pigments, erosion resistant inorganic fillers and elastomeric acrylic polymers in order to provide outstanding performance in all types of demanding industrial and marine environments. Easily applied by brush, roller or spray, ***ENESEAL® CR*** cleans up quickly and easily with just soap and water.

- **Steelwork**
- **Metal roofs**
- **Galvanizing**
- **Bridges**
- **Tanks**
- **Decks**
- **Pipes**
- **Ducts**
- **Concrete**
- **Wood**



ENECON® Corporation
The Fluid Flow Systems Specialists.

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Technical Data

Unit Size	20 kg
Color	Light gray
Finish	Satin (semi-gloss)
Volume Solids	58%
Vehicle Type	Water based elastomeric acrylic polymer.
Recommended Film Thickness	12-14 mils WFT per coat. 7-8 mils DFT per coat.
Coverage Rate .	Approx. 500 sq. ft. per 20 kg unit per coat @ 12 mils WFT based on a smooth substrate. Rough substrates will reduce coverage.
Shelf Life	3 years in an unopened container. Do not allow to freeze.
Overcoating	4 hours minimum (16+ hours optimum)
Rain Resistant	4 hours minimum (77° F / 25° C)
Elongation	300% (ASTM D-2370)
Accelerated Weathering	1,000 hours (12 hour cycle) QUV Weather-O-Meter. No changes in appearance.
Salt Fog Resistance	1,000 hours (ASTM B-117) No blistering. No delamination.
Tape Adhesion	5A (ASTM D-3359 Method A) Wire-brushed steel substrate.
Direct Tensile Adhesion	850 psi (ASTM D-4541) Wire-brushed steel. 900 psi (ASTM D-4541) Galvanized steel.
Water Vapor Transmission	1.14g/h·m^2 (ASTM E-96)
Spraying	Airless spray. Recommended pressure: 2,500 to 3,000 psi. Tip orifice: 0.013 to 0.019.

Your Local ENECON® Fluid Flow Systems Specialist

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Using ENESEAL® CR

Surface Preparation - ENESEAL®CR should only be applied to clean, dry and structurally sound surfaces. Surfaces should be free of any loose material and all contaminants such as dirt, oil, grease, salt, loose or flaking paint, etc.

...for metal surfaces

While abrasive blasting is not necessary, all areas to be treated should be manually prepared to SSPC SP-2 or SP-3 by grinding, rotary wire brushing or other appropriate means to remove loose rust, scale, or previously applied coatings. Alternatively, high pressure water jetting in accordance with SSPC SP-12 to a minimum visual condition of WJ-4 has been found very effective on large areas to achieve the desired surface prior to application.

...for cementitious surfaces

High pressure water jetting or light abrasive blasting have generally been found to be the most effective means of removing loose material and the typically weak surface layer often encountered when preparing concrete/mineral substrates.

Mixing - ENESEAL®CR is a one component product which should be stirred slowly prior to application in order to blend in any slight separation.

Thinning of ENESEAL®CR with water or solvent is not recommended.

Application - ENESEAL®CR should only be applied when the temperature is above 45° F (7° C) and when the relative humidity is below 85%. Surfaces being treated should be at least 5° F (3° C) above the dew point.

ENESEAL®CR may be applied by brush, roller or spray. The material should be applied at a wet film thickness of approximately 12 - 14 mils (300 - 350 microns) to achieve the desired dry film thickness of 7 - 8 mils (175 - 200 microns) per coat. A minimum of two coats are recommended for most applications.

Health & Safety - Every effort is made to insure that ENECON® Products are as simple and safe to use as possible. Normal industry standards and practices for housekeeping, cleanliness and personal protection should be observed. Please refer to the detailed MATERIAL SAFETY DATA SHEET (MSDS) supplied with the material (also available on request) for more information.

Cleaning Equipment - Wipe excess material from tools and equipment immediately. Use soap and water as needed.

Technical Support - The ENECON® engineering team is always available to provide technical support and assistance. For guidance on difficult application procedures or for answers to simple questions, call your local ENECON® Fluid Flow Systems Specialist or the ENECON® Engineering Center.