



SAVE ON ENERGY COSTS WHILE SUPPORTING SUSTAINABILITY GOALS

These products contain solar reflective (SR) and thermal emittance (TE) pigments that have been altered both physically and chemically to reflect infrared radiation while still absorbing the same amount of visible light. The result is that both the coating and your roof stay cooler. These building products are engineered to lower energy costs without sacrificing the features and benefits that Sherwin-Williams customers have come to expect, like field-proven durability, performance and beauty that outlasts competitors.

Our cool coatings are available in a variety of formulations, from 70% polyvinylidene fluoride (PVDF) and silicone-modified polyester (SMP) to polyester, and offer a large palette of energy-efficient colors that meets rigorous LEED and CRRS requirements. For color choices, see your Sherwin-Williams representative.

■ Fluropon® SR

Sherwin-Williams provides a long-trusted, extensive Fluropon product line. This 70% PVDF resin-based exterior metal coating system continually exceeds performance needs and maintains its color and durability. Used on roof, wall and extrusion panels, the solar reflective pigments in Fluropon SR offer durability that resists heat absorption and aids in structure cooling. Available in coil and extrusion.

■ Flurothane® SR

The Flurothane family of thick-film primer coatings give the metal underneath extra protection against the harshest industrial and architectural environments. This 70% PVDF resin system offers resistance to chemicals, acid rain, humidity and salt to help projects maintain their structural and visual beauty, while also saving energy costs.

■ WeatherXL™ and WeatherXL Crinkle Finish

Created to withstand any weathering or heat that comes its way, WeatherXL is a specially formulated SMP coating designed to go where it will be abused, maintaining extreme resistance to abrasion, chipping and marring. This coating is also available in a crinkle finish, which redirects light for enhanced visual depth and creates beautifully shifting, shimmering tones.

BENEFITS

- Exceptional resistance to sun, rain and other natural elements
- Resistance to marring, chalking and fading
- Tremendous UV protection
- Great flexibility and formability
- Superior weatherability
- Outstanding color consistency
- Proven durability

COLORS

SR coating formulations are available in a wide palette of colors, glosses and sheens to fit the project of your dreams. For color choices, see your Sherwin-Williams representative.

SUBSTRATES

Cool coatings can be applied to a number of pre-treated substrates, including Galvalume®, aluminum, and Hot-Dipped Galvanized (HDG) steel.

END USES

- Metal roofing panels
- Metal wall panels
- Aluminum extrusions
- Utilized throughout multiple industries: commercial, education, government, agricultural, industrial and many more



COOL ROOF EMISSIVITY AND URBAN HEAT ISLAND EFFECT

Cool metal roofing is one way to mitigate the urban heat island effect. Higher reflectance means lower surface temperatures, reducing ambient air temperatures. Metal roofing offers sustainability attributes like durability and recyclability. Sherwin-Williams cool coatings systems like Fluropon® SR, WeatherXL™ and Flurothane® SR contain solar-reflective pigments to create a more energy-efficient building product. Cool coatings systems help you obtain LEED v4 Heat Island Reduction Roof Credit.

LEED V4 CREDIT POINT OPTIONS

When used in new construction, Sherwin-Williams cool coatings systems offer opportunities to earn LEED v4 points for your products. We will work with you to provide the technical information you

need to support your program. The list below provides an overview of some of the possible credits. For more detailed information, check the LEED Credit Library for New Construction.

- 1 Building product disclosure and optimization — material ingredients
- 2 Building product disclosure and optimization — environmental product declarations
- 3 Building life cycle impact reduction
- 4 The heat island reduction — roof

AT YOUR SERVICE

We're here to help, and we'd like to work with you on your next project. If you have questions, contact: 888-306-2645 or coilhelp@sherwin.com

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