

Heat Reflective Exterior Cool Wall Coating System

Product Data Sheet

SUSTAINABLE ENERGY SAVING TECHNOLOGY:

EnerG H.R. Architectural™ is a superior high performance heat reflective, thermal insulating exterior wall coating system. It is uniquely engineered to combine maximum solar reflectance and thermal insulative properties to achieve the best efficiency possible.

Optimum solar reflectance (up to 95%) is achieved by integrating true Infrared Reflective pigments. This allows solar reflectance across all color spectrums and is not limited to just white or light pastel colors. The emissive heat that passes through the topcoat is further diminished by the insulative primer. This true energy efficient coating system can reduce surface temperatures up 40° F and interior building temperatures up to 15° F.

HI-SOL & TRUE-COLOR FORMULA:

EnerG H.R. with Hi-Sol contains over 63% solids content compared to the industry average of 32%-43% for conventional architectural coatings. That means you achieve 50%-100% more film build (dry mils) over the same surface area or can achieve higher spread rates in comparison. EnerG with True-Color Fade Resistance is inert to the effects of UV light. True-Color is able to retain its original color for up to 20 years or more, significantly reducing the number of recoats over the life of the building.

HIGH PERFORMANCE COATING SYSTEM:

The recommended system is comprised of the EnerG H.R. PrimeCoat Insulative Primer and the EnerG H.R. Architectural Coating. Both are available in Acrylic or Elastomeric formulations to meet your environmental and substrate requirements.

Our high solids, high build, and fade resistance, surpasses conventional coatings with superior durability, cleanability, and life span. In addition, our energy efficiency and reduction of the heat island effect results in a coating system that pays for itself over and over again. You simply can't afford not to specify EnerG H.R. for your exterior wall coating project.

ENVIRONMENTAL ATTRIBUTES:

EnerG H.R. is a non-hazardous, non-flammable, ultra low VOC (< 25 g/l) material with no formaldehydes, crystalline silicas, acetone, aromatic hydrocarbons or other toxic compounds. It also helps reduce your carbon footprint by reducing energy consumption by as much as 30% during the warmer climate months. By reducing exterior surface temperatures by as much as 40°, EnerG H.R. helps reduce the negative impacts of the heat island effect.

Excessive waste is eliminated by reducing the amount of future repaints necessary due to its True-Color technology which gives you colors that never fade. Hi-Sol (high solids) technology means you can purchase as much as a third fewer pails of our coatings than you would need of any other conventional paint and achieve the same coating thickness or purchase the same volume and have a 50% thicker coating providing greater protection to your property.

AVAILABLE AT:

PAINT COATING APPLICATIONS:

- | | | |
|--------------------|-----------------|----------------|
| ◇ Stucco | ◇ Brick | ◇ Masonry |
| ◇ Fiber Cement | ◇ Wood | ◇ Plaster |
| ◇ Hardboard Siding | ◇ Primed Metals | ◇ Vinyl Siding |

CSI Divisions:

Division 9 - Finishes, 09 900 Paints & Coatings; 09 910 Paint; 09 970 Coatings for Steel; 09 980; Coatings for Concrete & Masonry

The environmental attributes of EnerG H.R. may assist with LEED credits in the following categories:

EA Credit 1: Optimize Energy Performance
MR Credit 5: Local/Regional Materials
ID Credit 1 - 1.4: Innovation in Design

ENERG H.R. PACKAGING:

- | | |
|---------------------------|---|
| EnerG H.R. PrimeCoat: | 1 Gallon Can/4 Case Pack
5 Gallon Pail |
| EnerG H.R. Architectural: | 1 Gallon Can/4 Case Pack
5 Gallon Pail |

TECHNICAL DATA:

VOC: < 25 g/l

Odor: Very Mild. Low Odor

Weatherability: ASTM G-26 Highest Rating of 15 years.

Solids Content: > 63%

Installation Temperature: 45° F (7.2 C) to 100° F (37.8 C)

Relative Humidity: 85% maximum, below 80% for best results.

Dry to Touch: 2 to 3 hours depending on film thickness, ambient temperature and substrate material.

Approximate Spread Rate: 200-250 sq.ft./gal

Application Method: High quality brush, nap roller or airless sprayer. Sprayer Tip: .019-.023

Clean-up: Soap & Water

APPLICATION:

Surface must be thoroughly clean and sound. If painting over existing coatings remove all loose materials. Failure to correctly prepare the surface may result in product adhesion failure.

Drill mix for 1 minute or until consistent prior to use. Apply EnerG PrimeCoat by airless sprayer, brush, or applicable nap roller at 6-9 wet mils for a 3-5 dry mil film. May be thinned with up to 10% clean water. Over thinning will reduce the effectiveness of the product. Allow approximately 2 to 3 hours dry time prior to applying EnerG H.R. Architectural. Follow same application procedure and thickness on your finish coat.

WARRANTY:

The EnerG H.R. system comes with a transferrable product warranty of up to 15 years when applied by an authorized contractor in accordance with our current recommended installation procedures. Subject to applicator training and receipt of all project documentation. Warranty is limited solely for product replacement only.