

## Energy Efficient Heat Reflective Exterior 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 technology. 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 thermal insulating primer. This energy efficient coating system can reduce surface temperatures up to 50° 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 you 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 for optimum bonding and energy efficiency.

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 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 25% during the warmer climate months. By reducing exterior surface temperatures, EnerG H.R. helps reduce the 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

EnerG H.R. is Green Building LEED compliant and may assist with LEED credits in the following categories:

- EA Credit 1: Optimize Energy Performance
- EQ Credit 4.2: Low-Emitting Materials
- ID Credit 1-1.4: Innovation in Design
- MR Credit 5: Local/Regional Materials

### 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 Achieved Best Rating of 15 yrs.
- 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 @ 7 wet mils.  
Application Method: High quality brush, nap roller or airless sprayer. Sprayer Tip: .017 -.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 6-8 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 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.