



GE Silicones

# LEED Green Building Rating System

## Information Pertaining to GE Enduris\* Roof Coatings

### Credit: Low-Emitting Materials

**Intent:** Reduce the quantity of indoor air contaminants that are odorous, potentially irritating and/or harmful to the comfort and well-being of installers and occupants.

**Requirements:** The Volatile Organic Compounds (VOC) content of adhesives and sealants used must be less than the current VOC content limits of South Coast Air Quality Management District (SCAQMD) Rule #1168, and all sealants used as fillers must meet or exceed the requirements of the Bay Area Air Quality Management District Regulation 8, Rule 51.

VOC content of **GE Enduris roof coatings** is less than 24 g/L.

### Credit: Construction and Demolition Waste Reduction

**Intent:** To divert construction, renovation and demolition debris from disposal in landfills and incinerators and recover and recycle reusable materials.

**Requirements:** Divert at least 70% of the waste (by weight or volume) generated by facility maintenance and renovation activities from disposal in landfills and incinerators. To divert construction, renovation, and demolition debris from disposal in landfills and incinerators and recover and recycle reusable materials.

**GE Enduris 3500 Series roof coatings** are maintenance coatings that are applied on top of existing roofs without the need to remove and dispose of the existing roofing material. Existing roof systems are retained in place.

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## Credit: Heat Island Reduction – High Reflectance Roof

**Intent:** To reduce heat islands to minimize impacts on microclimates and human and wildlife habitats.

**Requirements:** Use roofing materials with a solar reflectance index (SRI) equal to or greater than specified values.

**GE Enduris 3500 Series roof coating** has an Initial Solar Reflectance value of 88% and is Energy Star Certified

## Credit: Local/Regional Materials

**Intent:** Increase demand for building products that are manufactured locally, thereby reducing the environmental impacts resulting from their transportation and supporting the local economy.

**Requirements:** Specify a minimum of 20% of building materials that are manufactured regionally within a radius of 500 miles.

**GE Enduris 3500 Series roof coating** is manufactured in Waterford, NY.

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