

ForeSight® Green Product Summary



FortiFlex™ Flexible Flashing Membrane Manufactured by Fortifiber Building Systems Group

Pre-Consumer Recycled Content: 0% by weight

Post-Consumer Recycled Content: 0% by weight

Weight: 34.8 lbs/100sq.ft.

VOC: 0 g/L

LEED® For Homes Green Building Rating System – June 2007 Draft

Materials and Resources

MR2 Environmentally Preferable Products

Intent – Increase demand for environmentally preferable products (EPPs) and products or building components that are extracted, processed, and manufactured within the region.

2.2 Environmentally Preferable Materials

Use building materials that meet one or more of the criteria below. Except as noted in exhibit MR2-A. A material must make up 90% of the component, by weight or volume. A single component that meets each criteria can earn points for each.

Note: "Recycled content" products must contain a minimum 25% post consumer recycled content, except as noted in exhibit MR2-A. Post-industrial (pre consumer) recycled content must be counted at half the rate of post consumer content.

- a. EPP – Use products that meet the environmentally preferable product specifications in exhibit MR2-A
- b. Low emissions – Use products that meet the Emissions Specifications in Exhibit MR2-A (Meet South Coast Air Quality Management District Rule # 1168) 250 grams/liter
- c. Local production – Use products that were extracted, processed and manufactured within 500 miles of the home.

Energy and Atmosphere

EA3 Air Infiltration

Intent – Minimize energy consumption caused by uncontrolled air leakage into and out of conditioned air spaces.

LEED

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NAHB National Green Building Standard™ – Version #2.0 Draft

Resource Efficiency

602 Enhanced Durability and Reduced Maintenance

602.0 Intent. Design and construction practices are implemented that enhance the durability of materials and reduce in-service maintenance.

602.9 Where required by the IRC/IBC, a water-resistive barrier and or drainage plane system is installed behind exterior veneer and/or siding.

602.12 Flashing details are shown on plans and flashing is installed at all of the following locations, as applicable:

1. Around exterior fenestrations, skylights and doors
3. Deck/balcony building intersections

Energy Efficiency

703.2 Insulation and Air Sealing

703.2.1 Insulation and air sealing is installed in accordance with all of the following, as applicable:

703.2.1.1 General

Air Barrier and Thermal Barrier

Thermal insulation is installed in substantial contact with interior and exterior air barrier to provide continuous alignment of the insulation with the air barrier.

An air barrier material, such as housewrap, separated from the insulation by sheathing, such as continuous plywood or OSB, is considered to be in substantial contact with the insulation.

Indoor Environmental Quality

901.9 Adhesives and Sealants.

90% of site-applied adhesives and sealants are in accordance with GS-36.

901.9.1 Low-VOC Adhesives and Sealants:

Site-applied products used for the installation of subfloors and on the exterior of the project are in accordance all the with the following as applicable: Reactive Sealants (silicones, polyurethanes, and hybrids, such as MS Polymer and silylated polyurethane resin or SPUR): VOC content not to exceed the greater of 4% by weight, or 50 grams/liter.

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