



Siena Vinyl LEED Information

•LEED® Credit Reference: **WE 3.1** (1 point) Employ strategies that in aggregate use 20% less water than the water use baseline calculated for the building (not including irrigation) after meeting Energy Policy Act of 1992 fixture performance requirements.

•LEED® Credit Reference: **WE 3.2** (1 point) Exceed the potable water use reduction by an additional 10% (30% total efficiency increase)

Intent: To maximize water efficiency within the building to reduce burden on municipal water supply and waste water systems.

Siena's Strategy: LVT floor coverings do not need sealing or polishing due to the factory applied finish PROTECH® and can be cleaned using minimal quantities of water and eco detergent solutions. Dry maintenance is possible. This reduces the amount of chemicals and water needed for maintenance for the lifetime of the floor covering. **Siena LVT Contributing Points: 2**

•LEED® Credit Reference: **MR 1.2** (1 point) Maintain 75% of existing walls, floors and roof

•LEED® Credit Reference: **MR 1.2.1** (1 point) Maintain 100% of existing walls, floor and roof

•LEED® Credit Reference: **MR 1.3** (1 point) Maintain 100% of existing structure & shell and 50% of non-shell (walls, floor coverings, & ceiling systems)

Intent: To extend the lifecycle of existing building stock, conserve resources, retain cultural resources, reduce water and reduce environmental impacts of new buildings as they relate to manufacturing and transport.

Siena's Strategy: Siena LVT has a proven long life cycle and will qualify should the installed product be reused in the building renovation. **Siena LVT Contributing Points: 1-2**

•LEED® Credit Reference: **MR 4.0** (1 point) Use materials with recycled content such that the sum of post consumer recycled content plus 1/2 of post industrial content consists of at least 10% of the total value of the materials in the project.

Intent: Increase demand for building products that incorporate recycled content materials, therefore reducing from extraction and processing of new virgin materials.

Siena's Strategy: Siena LVT floor coverings exceed the minimum requirement of post consumer materials used in the manufacturing products. Post consumer materials come from greenhouse covers. **Siena LVT Contributing Points: 1**

•LEED® Credit Reference: **4.1** (1 point) Adhesives must meet or exceed the VOC limits of South Coast Air Quality Management District Rule #1168 by, and all sealant used as a filler must meet or exceed Bay Area Air Quality Management District Regulations 8, Rule 51.

•LEED® Credit Reference: **4.4** (1 point) Exceed Composite wood and agrifiber products must contain no added urea- formaldehyde resins.

Intent: Reduce the quantity of indoor air contaminants that are odorous or potentially irritating to provide installer and occupant health and comfort.

Siena's Strategy: Siena LVT resilient floor coverings can be installed using low VOC solvent free adhesives. Sealant and coatings are not needed. All Siena floor coverings are formaldehyde free. **Siena LVT Contributing Points: 2**



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•LEED® Credit Reference: ID 1.1 (1 point) In writing, LEED® Credit Equivalence process, identify the intent of the proposed innovation credit, the proposed requirement for compliance, the proposed submittals to demonstrate compliance and the design approach used to meet the required elements.

Intent: To provide design teams and projects the opportunity to be awarded points for exceptional performance and design options above requirements set by LEED® Green Building Rating Systems.

Siena's Strategy: With a large spectrum of product colors and designs, Siena offers exceptional design options. All LVT products (Naturals – Woods, Sand, Slate, Herringbone, Rustic & Distressed) can be used together to provide endless design and functionality options. **Siena LVT Contributing Points: 2**

•LEED® Credit Reference: IEQ 4.3 (1 point) Products must meet the testing and product requirements of the California Department of Public Health Standard Practice for the testing of VOC (Volatile Organic Emissions) from various sources using small scale environmental chambers, including 2004 Addenda

Intent: Reduce the quantity of indoor air contaminants that are odorous or potentially irritating to provide installer and occupant health and comfort

Siena's Strategy: Siena LVT Planks and Tile do not have off-gassing with an undetectable amount of VOC **Siena LVT Contributing Points: 1**

•LEED® Credit Reference: IEQ 4.3 (1 point) All hard surface flooring must be certified as compliant with the Floorscore standard

Intent: Third party certification of environmentally conscious flooring.

Siena's Strategy: Siena Flooring is FloorScore Certified **Siena LVT Contributing Points: 1**