



How Onistone Concrete Tiles can contribute to LEED Certification

Credit Categories		Possible Points	Key Variable	HOW...
Sustainable Sites				
Credit 7.1	Heat Island Effect: Non-Roof	1 point	Solar Reflection Index (SRI)	Light Onistone colors has SRI starting from 75. LEED requires a minimum of 29. Textured Onistone tiles can be used in exterior applications. Small formats with thickness starting at 2" can be used as pavers thanks to its excellent compressive strength. Onistone tiles can also be used in exterior facade cladding.
Energy and Atmosphere				
Prerequisite 2	Minimum Energy Performance	Required	Thermal mass	Onistone Concrete Tiles contribute to moderate temperature swings in both hot and cold weathers. This translates in savings in heating, ventilating and air conditioning expenses.
Credit 1	Optimize Energy Performance	1-10 points	Energy Costs Savings	Thermal mass of Onistone Concrete Tiles along with other architectural elements play an important role in determining required energy costs savings for the building.
Materials and Resources				
Credit 4.2	Recycled Content: 20% (post-consumer plus 1/2 pre-consumer)	2 points	Recycled content	Onistone formula contains post-consumer ingredients such as recycled concrete, glass or recovered aggregates. Pre-consumer ingredients are present as cement substitutes which at the same time improves concrete performance. Recycled content meets 20% requirement and grants 2 LEED points.
Innovation and Design Process				
Credit 1.-1.4	Apply for other credits demonstrating exception performance	4 points*	Onistone Versatility	Get additional points by taking advantage of Onistone versatility. Remember that Onistone, besides containing recycled material, it is 100% recyclable: can be transformed into aggregate or can be reused as a sub-floor reducing the future environmental impact of the building. Using non-VOC's sealers and adhesives contributes to a better indoor air quality. Onistone remains harmless through its lifecycle as it is free of VOC's, radiation or heavy metals. Onistone requires low maintenance after sealed: mopping and clean water. Light Onistone colors used in interiors can contribute to reduce artificial lighting. Onistone is a long lasting material that presents low lifecycle costs.

*Up to 4 additional points can be earned, must be submitted and approved (not included in total)