



LEED® Contribution Guide

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Beautiful



Functional



Sustainable



LEED® (NC v2.2) Contribution with Oberfield's Inc.

	Credits	Points Required	Oberfield Products		
Sustainable Sites	SS Prerequisite Construction Activity Pollution Prevention	Reduce pollution by creating and implementing an Erosion & Sedimentation Control (ESC) Plan. <ul style="list-style-type: none"> Masonry units, segmental wall systems, and pavers can effectively retain and terrace erosion prone slopes. 	Oberfield's Concrete Masonry Units (CMU), Oberfield's Pavers, Versa-Lok® Retaining Walls		
	SS 1 Site Selection	Avoid development on portions of sites that are environmentally sensitive and minimize impact. <ul style="list-style-type: none"> Masonry units and segmental wall systems help minimize the developmental footprint and promote preservation. 	Oberfield's Concrete Masonry Units (CMU), Versa-Lok® Retaining Walls		
	SS 2 Development Density & Community Connectivity	Construct or renovate building on a previously developed site and in a community with a minimum density of 60,000 square feet per acre net. <ul style="list-style-type: none"> Masonry's small staging requirements enable designs that take advantage of challenging urban sites. <ul style="list-style-type: none"> Masonry can provide a finished firewall/separation. 	Oberfield's Concrete Masonry Units (CMU), Oberfield's Pavers, Versa-Lok® Retaining Walls		
	SS 5.1 Site Development, Protect & Restore Habitat	Conserve existing natural existing areas and restore damaged areas. <ul style="list-style-type: none"> Masonry units and segmental wall systems do not require large staging areas or intrusion. <ul style="list-style-type: none"> Retaining walls allow designers to minimize footprint. 	Oberfield's Concrete Masonry Units (CMU), Versa-Lok® Retaining Walls		
	SS 5.2 Maximize Open Space	Provide a high ratio of open space to development foot print to promote biodiversity. <ul style="list-style-type: none"> Use load-bearing masonry to stack building program. Use concrete and CMU for below building parking. Pavers can be used in pedestrian oriented hardscape counted as open space if SSC2 is earned 	Oberfield's Concrete Masonry Units (CMU), Oberfield's Pavers, Versa-Lok® Retaining Walls		
	SS 6.1 Storm water Design, Quantity Control	Limit disruption of site hydrology by managing storm water runoff. <ul style="list-style-type: none"> Permeable paver systems can address storm water runoff concerns. 	Oberfield's Pavers & Permeable Paver Systems, Monoslab & Turfstone		
	SS 6.2 Storm water Design, Quality Control	Implement a Storm water Management plan that reduces impervious cover, promotes on-site filtration & eliminates contaminants. <ul style="list-style-type: none"> Permeable paver systems filter water and promote infiltration. 	Oberfield's Pavers & Permeable Paver Systems, Monoslab & Turfstone		
	SS 7.1 Heat Island Effect, Non-Roof	Reduce heat island effect. <ul style="list-style-type: none"> Use of light colored masonry units with a SRI of at least 29. Use of open grid paving with vegetation. 	Oberfield's Pavers & Permeable Paver Systems, Monoslab® & Turfstone®		
	EA 1 Optimize Energy Performance	Improve energy efficiency above ASHRAE prerequisites. <ul style="list-style-type: none"> Benefits for designs incorporating energy efficient thermal mass masonry: reduce peak heating and cooling loads, moderate indoor temperature swings, reduction in size of HVAC systems and shift of peak loads to non-peak hours. Thermal mass of masonry wall assemblies can easily achieve high R-Value. Use of light colored pavers with an SRI of at least 29 aid in reduction of heat island effect lowering cooling loads. 	Oberfield's Concrete Masonry Units (CMU), Oberfield's Pavers		
	Materials & Resources	MR 1.1 Building Reuse, maintain 75% of existing walls, floors and roof		Oberfield's Concrete Masonry Units (CMU)	
MR 1.2 Building Reuse, maintain 95% of existing walls, floors and roof			Oberfield's Concrete Masonry Units (CMU)		
MR 1.3 Building Reuse, maintain 50% of interior non-structural elements			Oberfield's Concrete Masonry Units (CMU)		
MR 2.1 Construction Waste Management, divert 50% from disposal		Oberfield's masonry materials are made to order which helps in reducing jobsite waste. Waste can be crushed and recycled into other concrete products or base materials.	1	Oberfield's Concrete Masonry Units (CMU), Oberfield's Pavers, Versa-Lok® Retaining Walls	
MR 2.2 Construction Waste Management, divert 75% from disposal		Oberfield's masonry materials are made to order which helps in reducing jobsite waste. Waste can be crushed and recycled into other concrete products or base materials.	1	Oberfield's Concrete Masonry Units (CMU), Oberfield's Pavers, Versa-Lok® Retaining Walls	
MR 3.1 Materials Reuse, 5%		Pavers and segmental wall systems can be easily reused	1	Oberfield's Pavers, Versa-Lok® Retaining Walls	
MR 3.2 Materials Reuse, 10%		Pavers and segmental wall systems can be easily reused	1	Oberfield's Pavers, Versa-Lok® Retaining Walls	
MR 4.1 Recycled Content, 10% (post-consumer + ½ pre-consumer)		Oberfield's masonry units can be made with recycled content	1	Oberfield's Concrete Masonry Units (CMU)	
MR 4.2 Recycled Content, 20% (post-consumer + ½ pre-consumer)		Oberfield's masonry units can be made with recycled content	1	Oberfield's Concrete Masonry Units (CMU)	
MR 5.1 Regional Materials, 10% extracted, processed & manufactured regionally		All Oberfield's products are manufactured from materials harvested well within the 500 mile radius required by LEED®	1	Oberfield's Concrete Masonry Units (CMU), Oberfield's Pavers, Versa-Lok® Retaining Walls	
MR 5.2 Regional Materials, 20% extracted, processed & manufactured regionally		All Oberfield's products are manufactured from materials harvested well within the 500 mile radius required by LEED®	1	Oberfield's Concrete Masonry Units (CMU), Oberfield's Pavers, Versa-Lok® Retaining Walls	
Indoor Environmental Quality		EQ 3.1 Construction Indoor Air Quality Management Plan, During Construction	Maintain the well-being of construction and building personnel by reducing indoor air quality problems created by the construction/renovation process. <ul style="list-style-type: none"> Unfinished Oberfield's masonry units are inherently not a food source for mold. Most Oberfield's concrete masonry units do not require adhesives or sealants. <ul style="list-style-type: none"> Oberfield's Architectural Block do not require painting. 	Oberfield's Concrete Masonry Units (CMU)	
		EQ 4.1 Low-Emitting Materials: Adhesives and Sealants	Reduce quantity of indoor contaminants. <ul style="list-style-type: none"> CMU can be easily sealed with a low-VOC sealant 	Oberfield's Concrete Masonry Units (CMU), Oberfield's Pavers	
		EQ 4.2 Low-Emitting Materials; Painting and Coatings	Oberfield's masonry units are tightly compressed allowing for ease of painting or coating using a low-VOC product	1	Oberfield's Concrete Masonry Units
		EQ 7.1 Thermal Comfort, Design	<ul style="list-style-type: none"> Thermal massing quality of CMU provides increased thermal energy resistance. Insulated CMU systems coupled with CMU thermal massing provide superior R values and moderate indoor temperature fluctuations. 	1	Oberfield's Concrete Masonry Units
		Innovation & Design Process	ID 1.1 Innovation in Design: Structural Advantages	<ul style="list-style-type: none"> CMU design allow for building components that are both structurally sound and aesthetically pleasing. 	1
ID 1.2 Innovation in Design: Life-Cycle Benefits			<ul style="list-style-type: none"> Masonry units have a superior life-cycle value 	1	Oberfield's Concrete Masonry Units, Oberfield's Pavers
ID 1.3 Innovation in Design: Acoustic Performance	<ul style="list-style-type: none"> CMU provides superior acoustical values. 		1	Oberfield's Concrete Masonry Units	
ID 1.4 Innovation in Design: Improved Air Quality	<ul style="list-style-type: none"> Exposed CMU does not provide a food source for mold. Properly designed CMU buildings provide a tight building envelope allowing for better use of HVAC and air filtration systems. 		1	Oberfield's Concrete Masonry Units	