Your *LEED™ Credit Scorecard using VersiGrid™

How does your design stack up?

[* USGBC's LEED™ Green Building Rating System]

[Please note: this sample scorecard is provided as an informative and instructional aid, to illustate the advantages of using the high-quality, flexible/resilient/fracture-resistant pervious paver system VersiGrid™ - as opposed to using a rigid, fracture-prone, HDPE-based geogrid.]

Total Project Score before VersiGrid™ »	20		Possible Points using VersiGrid™:	#REF!

Rating»	Certified:	MIN	MAX	Silver:	MIN	MAX	Gold:	MIN	MAX	Platinum:	MIN	MAX
Ranges»		26	32		33	38		39	51		52	69

Y	A	N	Sustainable Sites:		Possible points using VersiGrid™: ??
			Prereq 1:	*Erosion & Sedimentation Control*	
1			« enter	Using VersiGrid™ to PREVENT all sedimentation and debris runoff during constructon	
			Credit 5.1:	*Site Disturbance (Protect or Restore Open Space)*	
1			« enter	Porous Paving (less drainage gradinge + protect existing vegetation)	
1			« enter	Tree Root Protection (fill and/or park over major tree roots)	
1			« enter	Reusability (portable and reusable, no permanent structure)	
1			« enter	Wildlife habitat protection (designated path for reduced wildlife disturbance)	
			Credit 5.2:	*Reduced Site Disturbance (Development Footprint)*	
1			« enter	Slope Stabilization (retain vegetation on steep slopes)	
1			« enter	Preservation of natural groundcover/appearance (visual lawn + functional, high-LOAD vehicular traffic surface)	
			Credit 6.1:	*Stormwater Management (Rate or Quantity)*	
1			« enter	Porous Paving = direct infiltration (quantity)	
1			« enter	Porous Paving = direct storage in cross-section (quantity)	
1			« enter	Porous Paving = slows speed of surface flow (rate)	
1			« enter	Slowing horizontal migration (subsurface runoff) ~ short or long term subsurface storage (quantity)	
			Credit 6.2:	*Stormwater Management (Treatment)*	
1			« enter	Porous Paving = natural bio-filtration + treatment of NSP (NONPOINT Source Pollutants) otherwise contained in SWR	
1			« enter	Site Mitigation = bio-swale for capture, conveyance, and treatment (utilizing vegetated, permanently-pervious VersiGrid™ parking stalls and/or lot as a natural bio-remediation treatment)	
1			« enter	When incorporated with infiltration trenching = capture and convey treated water below surface to storage, or spilling into an acceptable surface structure ("infiltration pond" = parking lot)	
			Credit 7.1:	*Landscape and Exterior Design to Reduce UHIE (Urban Heat Island Effect - Non-Roof)*	
1			« enter	When using light-colored backfill medium = albedo number of 0.16 (light-colored stone backfilling)	
1			« enter	When using natural grass surface = albedo number of 0.40 (vegetated and/or grass-filled - color and water transpiration)	
			Credit 7.1:	*Landscape and Exterior Design to Reduce UHIE (Urban Heat Island Effect - Roof)*	
1			« enter	Greenroof = vegetated green roof surface	
17			« **Subtotals this section.**		

Y	A	N			Water Efficiency Credit:	Possible points using VersiGrid™: ??
			Credit 1.1:		*Water Efficient Landscaping* (VersiGrid™ porous paving, natural infiltration and recharge of subsoil and water table - Reduce by 50%)	
1			« enter	Source Rain Runoff and GrayWater = 50%+		
1			« enter	Porous Paving = maintain rainfall to existing vegetation roots		
			Credit 2.?:	*Innovative Wastewater Technologies* [BSD = infiltration-based Stormwater Management Plan]		
1			« enter	Using VersiGrid™ porous paving above significant riprap/drain rock: effectively "doubling up" the advantages of preventing and/or reducing SWR during normal rainfall events; while also providing an "underground storage" (SWR retention) for runoff diverted from adjacent impervious structures or the built environment (i.e. impervious buildings, any impervious paved surfaces, et al.)		
3			*« Subtotals this section.*			

Y	A	N			Materials and Resources:	Possible points using VersiGrid™: ??
			Credit 3.1 and 3.2:	*Resource Reuse, Specify 5% to 10%*		
1			« enter	Preserve and/or reuse existing trees and shrubs found on-site [VersiGrid™ used to prevent tree or grass root damage resulting from temporary constructon site traffic]		
1			« enter	Preserve and/or reuse existing trees and shrubs found on-site [VersiGrid™ used to prevent the necessity of resodding post-construction]		
1			« enter	Porous Paving = greater flexibility in grading and filling above existing roots		
1			« enter	Compaction Prevention = provide oxygen access to roots below deep fill layers [retaining aerobic soil = preservation of native microbials]		
1			« enter	Slope stabilization/vegetation = lushly revegetate steep slopes, ramps and roofs [with a LOAD-bearing impervious structure]		
			Credit 4.1 and 4.2:	*Recycled Content, Specify 25% to 50%*		
1			« enter	VersiGrid™ products are manufactured using a proprietary blend of 100% recycled PE and other proprietary materials [trade secret - Certified by LGA and TUV to comply with DIN 38412 standard: environmental compatibility + groundwater neutrality + non-toxicity + does-not-decay-into-toxic substances = this is an ecologically inert material]		
1			« enter	100% Post-CONSUMER and Post-Production recycled content base material [+ up to 3% inert/nontoxic additives to achieve UV-stabilization, pigmentation, enhanced flexibility + resiliency, and other proprietary features]		
7			*« Subtotals this section.*			

Y	A	N			Energy & Atmosphere Credits:	Possible points using VersiGrid™: ??
			Credit 1.1-1.5:	*Optimize Energy Performance: 20%»60% New Buildings || 10%»50% Existing Buildings*		
1			« enter	Engineered gravel roadways = Reduction of solar reflection to sunward sides of buildings = *reduced Heat Gain to structure* via exterior walls		
1			« enter	Lushly Vegetated roadways = Reduction of solar reflection to sunward sides of buildings = *reduced Heat Gain to structure* via exterior walls		
1			« enter	Greenroof = Vegetated Cool Roof = *reduced heat gain* to building via top floor ceilings		
1			« enter	Greenroof = reduction of ambient heat on contained flat roofs = *higher HVAC efficiency*		
4			*« Subtotals this section.*			

Y	A	N			Innovation & Design Process:	Possible points using VersiGrid™: ??
			This category suggests that a story be presented to integrate all of the innovative applications and uses of VersiGrid™ products and the resulting overal impact upon the project design and building use: creating an LID built environment utitlizing BSD concepts.			
5			« enter	Example: REDUCED FUTURE MAINTENANCE, REPAIR and/or REPLACEMENT of pavements in climates/regions subject to winter freeze/thaw cycles - due to VersiGrid™ insusceptibility to damage resulting therefrom, and so forth . . .		
5			*« Subtotals this section.*			

36 *« Total overall: this Scorecard of Additional or incremental LEED™ Points available when fully utilizing VersiGrid™.*

Cost:Benefit Evalution

20 «LEED™ points before fully utilizing VersiGrid™ in your design and execution.

36 «Incremental LEED™ points resulting from fully utitilizing VersiGrid™ in your design.

56 « Total LEED™ points obtainable when fully utitlizing VersiGrid™ from your project's initial conceptualization and inception phases.

Previous LEED™ rating without VersiGrid™:   **Not Certified**

Revised LEED™ rating with VersiGrid™:   *Platinum*

Rating»	Certified:	MIN	MAX	*Silver:*	MIN	MAX	Gold:	MIN	MAX	*Platinum:*	MIN	MAX
Ranges»		26	32		33	38		39	51		52	69