

POROUS PAVEMENT SYSTEM



LEED® CREDITS US GREEN BUILDING COUNCIL



CONTRIBUTION CREDIT CATEGORIES for the FILTERPAVE™ SYSTEM

| CREDIT | INTENT | REQUIREMENTS | POINTS |
|---|---|---|--------|
| SUSTAINABLE SITES | Conserve existing natural areas and | On Greenfield sites, limit all site disturbance within the parameters of the requirements with permeable | |
| CREDIT 5.1: | | | |
| SITE DEVELOPMENT: PROTECT OR RESTORE | restore damaged areas to provide habitat and promote biodiversity. | surfaces (such as pervious paving areas, | 1 |
| HABITAT | · · · | stormwater detention facilities) | |
| SUSTAINABLE SITES | Limit disruption of natural water | Design the project site to maintain natural | |
| CREDIT 6.1: | hydrology by reducing impervious cover, increasing on-site infiltration, | stormwater flows by promoting infiltration. Implement a stormwater management plan that | |
| STORMWATER DESIGN: | reducing or eliminating pollution | results in a 25% decrease in the volume of | 1 |
| QUANTITY CONTROL | from stormwater runoff, and eliminating contaminants. | stromwater runoff from the two-year 24-hour design storm. | |
| SUSTAINABLE SITES | | Implement a stormwater management plan that reduces impervious cover, promotes infiltration, and captures and treats the stormwater runoff from | |
| CREDIT 6.2: | | | |
| STORMWATER DESIGN: | Limit disruption and pollution of natural water flows by managing | 90% of the average annual rainfall using | 1 |
| QUALITY CONTROL | stormwater runoff. | acceptable best management practices (BMPs). Use pervious pavements to reduce imperviousness | - |
| | | and promote infiltration thereby reducing pollutant | |
| | | loadings. | |
| SUSTAINABLE SITES | Reduce heat islands to minimize impact on microclimate and human and wildlife habitat. | Provide any combination of the following strategies for 50% of the site hardscape: shade, paving materials with a Solar Reflective Index of at least 29 or open grid pavement system. | 1 |
| CREDIT 7.1: | | | |
| HEAT ISLAND EFFECT: NON-ROOF | | | |
| MATERIALS & RESOURCES | Increase demand for building products that incorporate recycled content materials, thereby reducing impacts resulting from extraction and processing of virgin materials. | Use materials with recycled content such that post- consumer recycled content constitutes at least 10%. | 1 |
| CREDIT 4.1: | | | |
| RECYCLED CONTENT: 10% | | | |
| CREDIT 4.1: | | Use materials with recycled content such that post- consumer recycled content constitutes at least 20%. | 1 |
| RECYCLED CONTENT: 20% | | | |
| MATERIALS & RESOURCES | Increase domand for building | | |
| EXTRACTED, PROCESSED & | | | |
| MANUFACTURED REGIONALLY | Increase demand for building materials and products that are | Use a minimum of 10% of building materials and products manufactured regionally within a radius of | 1 |
| CREDIT 5.1: | extracted and manufactured within the region, thereby supporting the use of indigenous resources and reducing the environmental impacts resulting from transportation. | 500 miles. | |
| REGIONAL MATERIALS: 10% | | | |
| CREDIT 5.2: | | Use a minimum of 20% of building materials and | |
| REGIONAL MATERIALS: 20% | | products manufactured regionally within a radius of 500 miles. | 1 |