



| v3 - LEED 2009

Heat island effect - nonroof

SSc7.1 | Possible 2 points

Glossary

Intent

To reduce heat islands¹ to minimize impacts on microclimates and human and wildlife habitats.

Requirements

Option 1

Use any combination of the following strategies for 25% or 50% of the site hardscape (including roads, sidewalks, courtyards, and parking lots):

- Provide shade from the existing tree canopy or within 5 years of landscape installation. Landscaping (trees) must be in place at the time of occupancy.
- Provide shade from structures covered by solar panels that produce energy used to offset some nonrenewable resource use.
- Provide shade from architectural devices or structures that have a solar reflectance index (SRI)² of at least 29.
- Use hardscape materials with an SRI of at least 29.
- Use an open-grid pavement system (at least 50% pervious).

OR

Option 2

Place a minimum of 25% or 50% of parking spaces under cover.² Any roof used to shade or cover parking must have an SRI of at least 29, be a vegetated green roof, or be covered by solar panels that produce energy used to offset some nonrenewable resource use.

Project teams earn points by achieving the following percentages of site hardscape or parking under cover:

Percentage	Points
25%	1
50%	2

² For the purposes of this credit, under cover parking is defined as parking underground, under desk, under roof, or under a building.