



| v3 - LEED 2008

Local heat island effects

SSc3 | Possible 1 point

Glossary

Intent

Design landscape features to reduce local heat island effects.

Requirements

Prerequisites

None.

Credits

3 Reduce local heat island effects (1 point). Do one of the following:

- a) Locate trees or other plantings to provide shading for at least 50% of sidewalks, patios, and driveways within 50 feet of the home. Shading should be calculated for noon on June 21, when the sun is directly overhead, based on five years' growth.
- b) Install light-colored, high-albedo materials or vegetation for at least 50% of sidewalks, patios, and driveways within 50 feet of the home. Acceptable strategies include the following:
 1. White concrete
 2. Open pavers (counting only the vegetation, not the pavers); and
 3. Any material with a solar reflectance index (SRI) of at least 29.