



Heat island reduction - non-roof

SSc6.1 | Possible 1 point

Intent

Reduce heat islands (thermal gradient differences between developed and undeveloped areas) to minimize impact on microclimate and human and wildlife habitat.

Requirements

Choose one of the following options:

Option A

- Provide (from existing canopy or within five years of landscape installation) shade on at least 30% of non-roof impervious surfaces on the site, including parking lots, walkways, plazas, etc.

Option B

- Use/maintain light-colored/high-albedo materials (reflectance of at least 0.3) for 30% of the site's nonroof impervious surfaces on the site, including parking lots, walkways, plazas, etc.

Option C

- Place/maintain a minimum of 50% of parking space underground.

Option D

- Use/maintain an open-grid pavement system (net impervious area of LESS than 50%) for a minimum of 50% of the parking lot area.