

## Heat island effect: non-roof

SSc7.1 | 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

#### Option 1

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

- Shade (within 5 years of occupancy)
- Paving materials with a Solar Reflectance Index (SRI)<sup>2</sup> of at least 29
- Open grid pavement system

#### OR

#### Option 2

Place a minimum of 25% of parking spaces under cover (defined as under ground, under deck, under roof, or under a building). Any roof used to shade or cover parking must have an SRI of at least 29.