

## Green Factor Certification Form

This is for projects that are subject to the Green Factor Standard in Section 22.90 of the Cambridge Zoning Ordinance, which requires site and landscape design features that reduce urban heat.

*Review Section 22.90 of the Cambridge Zoning Ordinance and the Cambridge Cool Score Information and Guidelines before completing this form. When submitting a completed form, attach the supporting materials listed in the Green Factor Checklist.*

**Project Address/Location:** \_\_\_\_\_

**Planning Board (PB) and/or Board of Zoning Appeal (BZA) case number (if applicable):** \_\_\_\_\_

**Developer Name and Contact Information**

Name: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

Email Address: \_\_\_\_\_

Telephone #: \_\_\_\_\_

**Applicability: Section 22.92 & Section 5.22.5**

Is this project subject to Green Building Requirements (Section 22.20)?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Does this project involve the construction of a new building?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Does this project enlarge an existing building’s footprint by at least 50%?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Does this project involve the creation of new surface parking area?	<input type="checkbox"/> Yes <input type="checkbox"/> No

*Answer the questions below if the answer is “Yes” to any of the above*

**Requirements**

*Cool Roof Requirement*

Does this project involve the construction of a new building roof or replacement of more than 50% of an existing roof?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Has this project received a Certificate of Appropriateness from the Cambridge Historical Commission or a Neighborhood Conservation District Commission, or a determination of adverse effect by the Executive Director of the Cambridge Historical Commission? [if “Yes,” attach the document to your submission]	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A

Last Updated: March 2024

How much of the new or replaced roof area (in sq. ft.) has a slope (rise:run) of less than 2:12? [Cool Roof Requirement is not applicable to roof area with a 2:12 or steeper slope]	
What is the initial Solar Reflectance Index (SRI) of the proposed roof surface material for the area described above, excluding any solar energy systems or green roof area? [Minimum is 82]	

*Cool Score – Base information on the attached Cool Score Sheet and Site/Roof Plan*

What is the Cool Score of the proposed site design? [Minimum is 1.0 except per below]	
What is the Cool Score of the existing site? [Only answer if the project does not involve a new building or enlargement of a building footprint. The proposed Cool Score must not be less than the Cool Score of the existing site]	

*Modifications to Requirements*

Has the project received, or will the project seek, a special permit from the Planning Board to modify the Green Factor Standard for this proposal?	<input type="checkbox"/> Received SP (date: _____) <input type="checkbox"/> Seeking SP <input type="checkbox"/> No modification
---	---

Signature of Applicant

Date

Last Updated: March 2024

## Green Factor Checklist

Project Phase	Required Submissions
<input type="checkbox"/> <b>Special Permit/Design Review (if applicable)</b>	<input type="checkbox"/> Green Factor Certification Form <input type="checkbox"/> Cool Score Sheet <input type="checkbox"/> Site and Roof Plans
<input type="checkbox"/> <b>Building Permit</b>	<input type="checkbox"/> Green Factor Certification Form (updated from prior version) <input type="checkbox"/> Cool Score Sheet (updated from prior version) <input type="checkbox"/> Site and Roof Plans (updated from prior version) <input type="checkbox"/> Catalog of plant species including height and canopy spread of trees and height and soil depth of high and low planting areas <input type="checkbox"/> Specifications of roof surface material including initial Solar Reflectivity Index (SRI) <input type="checkbox"/> Specifications of paving material including SRI (if applicable) <input type="checkbox"/> Specifications of green roof installation with operations and maintenance plan (if applicable)
<input type="checkbox"/> <b>Certificate of Occupancy</b>	<p><b><i>All materials updated based on as-built conditions:</i></b></p> <input type="checkbox"/> Green Factor Certification Form (updated from prior version) <input type="checkbox"/> Cool Score Sheet (based on as-built conditions) <input type="checkbox"/> Site and Roof Plans (based on as-built conditions) <input type="checkbox"/> Catalog of plant species including height and canopy spread of trees and height and soil depth of high and low planting areas <input type="checkbox"/> Specifications of roof surface material including initial Solar Reflectivity Index (SRI) <input type="checkbox"/> Specifications of paving material including SRI (if applicable) <input type="checkbox"/> Specifications of green roof installation with operations and maintenance plan (if applicable)

Last Updated: March 2024