

City of Cambridge Cool Factor Score Sheet

1/25/20 - DRAFT FOR REVIEW / NOT TO BE DISTRIBUTED

Project Information

Location:
 Name:
 Special Permit Number:
 Link to Project Plans:
 Description:
 Includes High-SRI Roof (Y/N):
 Applicant Contact:

Score Sheet Notes for Applicants

- Use the Cool Factor guidance document to help you complete this score sheet.
- High-SRI (i.e. "white") roofs are a prerequisite of the Cool Factor, with a SRI requirement of 82 for low slope roofs (i.e. $\leq 2:12$) and 39 for steep slope roofs (i.e. $> 2:12$).
- An intervention may count towards one or more strategies, in which case credit is given for all applicable strategies.
- When counting strategies that are within the public right of way (PROW) in Column H (Number of Plants/Area Within 20' of PROW), do not also enter them in Column D (Number of Plants/Area Outside 20' of PROW).
- Trees and planting in the PROW do not receive credit.

Lot Area (SF)	Cool Target	Cooling Target Area (SF)	Green Component Area	Green Component Score (%)	Cool Score Area (SF)	Cool Score (%)	Cool Score/Cool Target Ratio			
		-	-	#DIV/0!	-	#DIV/0!	#DIV/0!			
Strategy Category	Strategy	Number of Plants Outside 20' of PROW	Multiplication Factor	Subtotal (weighted SF)	Number of Plants Within 20' of PROW	Multiplication Factor	Total (weighted SF)	Total (lot %)	Total (% of Cool Score)	
A: TREE CANOPY	Preserve Existing Trees	A1: Understory tree currently <10' canopy spread	0.80	-	+	1.6	-	#DIV/0!	#DIV/0!	
		A2: Understory tree currently >10' canopy spread	1.00	-	+	2	-	#DIV/0!	#DIV/0!	
		A3: Canopy tree currently <15' canopy spread	0.80	-	+	1.6	-	#DIV/0!	#DIV/0!	
		A4: Canopy tree currently between 15' and 25' canopy spread	1.00	-	+	2	-	#DIV/0!	#DIV/0!	
		A5: Canopy tree currently >25' canopy spread	1.20	-	+	2.4	-	#DIV/0!	#DIV/0!	
	New or Transplanted Trees	A6: Understory tree	0.60	-	+	1.2	-	#DIV/0!	#DIV/0!	
		A7: Canopy tree	0.70	-	+	1.4	-	#DIV/0!	#DIV/0!	
Subtotal from Tree Canopy							-	#DIV/0!	#DIV/0!	
Strategy Category	Strategy	Area Outside 20' of PROW	Multiplication Factor	Subtotal (weighted SF)	Area Within 20' of PROW	Multiplication Factor	Total (weighted SF)	Total (lot %)	Total (% of Cool Score)	
B: PLANTING AREAS	B1: Lawn Area		0.30	-	+	0.60	-	#DIV/0!	#DIV/0!	
	B2: Low Planting Area		0.40	-	+	0.8	-	#DIV/0!	#DIV/0!	
	B3: Planting Area		0.50	-	+	1.00	-	#DIV/0!	#DIV/0!	
Subtotal from Planting Areas							-	#DIV/0!	#DIV/0!	
C: GREEN ROOFS + FACADES	C1: Green Façade		0.10	-	+	0.20	-	#DIV/0!	#DIV/0!	
	C2: Living Wall		0.30	-	+	0.60	-	#DIV/0!	#DIV/0!	
	C3: Green Roof		0.30	-	+	0.60	-	#DIV/0!	#DIV/0!	
	C4: Short Intensive Green Roof		0.50	-	+	1.00	-	#DIV/0!	#DIV/0!	
	C5: Intensive Green Roof		0.60	-	+	1.2	-	#DIV/0!	#DIV/0!	
Subtotal from Green Roofs + Facades							-	#DIV/0!	#DIV/0!	
D: HARDCAPE + STRUCTURES	D1: High-SRI Paving		0.15	0	N/A	N/A	N/A	-	#DIV/0!	#DIV/0!
	D2: High-SRI Shade Structure		0.3	0	+	0.345	-	#DIV/0!	#DIV/0!	
Subtotal from Hardscapes + Structures							-	#DIV/0!	#DIV/0!	