

City of Cambridge Cool Factor Score Sheet

11/16/20 - 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. ≤ 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)	Cool Score Area (SF)	Cool Score (%)	Cool Score/Cool Target Ratio
		-	-	#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: less than 6' canopy spread	0.80	-			1.6	-	#DIV/0!	#DIV/0!
		A2: 6'-15' canopy spread	0.90	-			1.8	-	#DIV/0!	#DIV/0!
		A3: 15'+ canopy spread	1.40	-			2.8	-	#DIV/0!	#DIV/0!
	A4: Small New and Transplanted Trees		0.60	-			1.2	-	#DIV/0!	#DIV/0!
	A5: Medium New and Transplanted Trees		0.70	-			1.40	-	#DIV/0!	#DIV/0!
	A6: Large New and Transplanted Trees		0.80	-			1.6	-	#DIV/0!	#DIV/0!
	Subtotal from Tree Canopy								-	#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!

Strategy Category	Strategy	Multiplication Factor	Subtotal (weighted SF)	+	Multiplication Factor	Total (weighted SF)	Total (lot %)	Total (% of Cool Score)		
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!

Strategy Category	Strategy	Multiplication Factor	Subtotal (weighted SF)	+	Multiplication Factor	Total (weighted SF)	Total (lot %)	Total (% of Cool Score)		
D: HARDSCAPE + 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			0.6	-	#DIV/0!	#DIV/0!	
	Subtotal from Hardscapes + Structures								-	#DIV/0!