

Green Space Factor Tool  
South Dublin County Council



User input indicated by Orange fields

User Input	
Zoning lookup	Minimum GI Score
EE	0.5

1. Enter Development Site Area m <sup>2</sup> <b>HERE</b> ▶		11800	
Surface Type (see tab for detailed descriptions)	Factor	Proposed Surface	Factor Values
1. Short Lawn	0.3	0	0
2. Tall Lawn (wild, not mown)	0.5	378	
Permeable Paving	0.3	412	123.6
Vegetation			
4a. Vegetation-Shrub below 3m	0.4	254	101.6
4b. Vegetation-Shrub / Hedgerow above 3m	0.5	56	28
4c. Vegetation-Pollinator friendly perennial planting	0.5	-	-
4d. Vegetation-Preserved hedgerow	1.2	54	64.8
Trees			
5a. New trees	0.6	756	453.6
5b. Preserved trees	1.2	310	372
7. SuDS intervention (rain garden, bioswale)	0.6	120	72
Green Roof			
9a. Green Roofs - Intensive green roof (substrate is 200-1200mm in depth)	0.7	-	-
9b. Green Roofs - Extensive green roof (substrate is 80-200mm in depth)	0.6	-	-
10. Green wall	0.4	-	-
11. Retained Open Water	2	-	-
12. New open water	1.5	-	-
<b>Total Equivalent Surface Area of Greening Factors</b>		<b>2340</b>	

<b>Green Factor Numerator</b>	1405
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Minumum Required GI score	Final GI score	Result
0.5	0.12	Fail

### Green Factor Calculation

Item	Area Extrapolated	Weighting	GI Result
Total site (Red line area)	11800m <sup>2</sup>		
<b>Green Factor Components :</b>			
<b>Trees Existing preserved</b>			
Eastern side	11no Canopy area approx 10m <sup>2</sup>		
Western side	6no Canopy area approx 25m <sup>2</sup>		
Road side	8no Canopy area approx 20m <sup>2</sup>		
<b>Hedgerows existing preserved</b>			
Front Boundary	54m <sup>2</sup>	1.2	65
<b>Permeable car parking surface</b>			
	412m <sup>2</sup>	0.3	124
<b>New Vegetation (over 3m)</b>			
	56m <sup>2</sup>	0.5	28
<b>New Vegetation (less than 3m)</b>			
	254m <sup>2</sup>	0.4	102
<b>New Trees</b>			
	756m <sup>2</sup>	0.6	454
<b>Wildflower / meadow new</b>			
	378m <sup>2</sup>	0.5	189
<b>Suds Intervention (Swales)</b>			
	120m <sup>2</sup>	0.6	72
<b>Short lawn</b>			
	0m <sup>2</sup>	0.3	0
<b>Tall lawn</b>			
	0m <sup>2</sup>	0.5	0
			1405
<b>Summary :</b>			
Total Site Area	12101		
Total Green (after Greening Factors)	1405		
GI Category Zoning : Minimum score required	0.5		
GI Score	0.12		

Note :  
For purposes of broad Green Space calculations only.

Project : Landscape Proposals -Starrus Eco HoldingsLtd  
 Drawing No. 23/ORS/SEHL/003  
 Date : November 27th 2023  
 Client : Starrus Eco Holdings Ltd.  
 Notes :

## (Green Space Factor Calculation Form)

