

murray & associates
landscape architecture

**LANDSCAPE ARCHITECT'S
GREEN FACTOR CALCULATION**

At

DB8 EQUINIX DATA CENTRE

Murray & Associates
Landscape Architecture

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Member of the Irish Landscape Institute

User input indicated by **Orange fields**

User Input	
Zoning lookup	Minimum GI Score
EE	0.5

1. Enter Development Site Area m ² HERE ▶		26490	
Surface Type (see tab for detailed descriptions)	Factor	Proposed Surface Area m ²	Factor Values
1. Short Lawn	0.3	207	62.1
2. Tall Lawn (wild, not mown)	0.5	500	250
Permeable Paving	0.3	3909	1172.7
Vegetation			0
4a. Vegetation-Shrub below 3m	0.4	395	158
4b. Vegetation-Shrub / Hedgerow above 3m	0.5	944	472
4c. Vegetation-Pollinator friendly perennial planting	0.5	3946	1973
4d. Vegetation-Preserved hedgerow	1.2	2214	2656.8
Trees		0	0
5a. New trees	0.6	2110	1266
5b. Preserved trees	1.2	1440	1728
7. SuDS intervention (rain garden, bioswale)	0.6	977	586.2
Green Roof			0
9a. Green Roofs - Intensive green roof (substrate is 200-1200mm in depth)	0.7	0	0
9b. Green Roofs - Extensive green roof (substrate is 80-200mm in depth)	0.6	153.9	92.34
10. Green wall	0.4	633	253.2
11. Retained Open Water	2	0	0
12. New open water	1.5	628	942
Total Equivalent Surface Area of Greening Factors		18,056.90	

Green Factor Numerator	11612.34
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Minimum Required GI score	Final GI score	Result
0.5	0.44	Fail