



AUSTEN ASSOCIATES

Green Factor Calculator

Lidl Newcastle

CLIENT: Lidl Ireland GmbH

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Planning reference SD22A/0312

Austen Associates

Renishaw House

Ballyguile Beg

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User input indicated by Orange fields

User Input	
Zoning lookup	Minimum GI Score
RES-N	0.5

1. Enter Development Site Area m ² HERE ▶		9238	
Surface Type (see tab for detailed descriptions)	Factor	Proposed Surface Area m ²	Factor Values
1. Short Lawn	0.3	37	11.1
2. Tall Lawn (wild, not mown)	0.5	274	137
Permeable Paving	0.3	2277	683.1
Vegetation		0	0
4a. Vegetation-Shrub below 3m	0.4	136	54.4
4b. Vegetation-Shrub / Hedgerow above 3m	0.5	400	200
4c. Vegetation-Pollinator friendly perennial planting	0.5	1390	695
4d. Vegetation-Preserved hedgerow	1.2	1487	1784.4
Trees		0	0
5a. New trees	0.6	72	43.2
5b. Preserved trees	1.2	147	176.4
7. SuDS intervention (rain garden, bioswale)	0.6	170	102
Green Roof		0	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	1047	628.2
10. Green wall	0.4	0	0
11. Retained Open Water	2	165	330
12. New open water	1.5	0	0
Total Equivalent Surface Area of Greening Factors		7,602.00	

Green Factor Numerator	4844.80
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Minimum Required GI score	Final GI score	Result
0.5	0.52	Pass