

## TM65 Mid-Level Calculation

**HAMWRDL**

HAMPTON WALL, RECESSED, DALI  
MAINTAINED



### Product Information

Weight	1.066 kg
Service Life	10 Years
Location of Manufacture	Solihull

Life Cycle Stage	kg CO <sub>2</sub> e	Percentage of Total	Notes
A1: Material Extraction	12.888 kgCO <sub>2</sub> e	54.34%	TM65 Assumption
A2: Transport	0.422 kgCO <sub>2</sub> e	1.78%	TM65 Assumption
A3: Manufacturing	3.029 kgCO <sub>2</sub> e	12.77%	
A4: Transport to Site	0.042 kgCO <sub>2</sub> e	0.18%	TM65 Assumption
B3: Repair	5.801 kgCO <sub>2</sub> e	24.46%	One battery replacement accounted for over 10 year product life
C2: Transport	0.014 kgCO <sub>2</sub> e	0.06%	
C3: Waste Processing	1.515 kgCO <sub>2</sub> e	6.39%	
C4: Disposal	0.005 kgCO <sub>2</sub> e	0.02%	TM65 Assumption

Total: A1-A4, B3, C2-C4	23.717 kgCO <sub>2</sub> e
Including Buffer Factor	30.832 kgCO <sub>2</sub> e

**Total Embodied Carbon**  
(TM65 Mid-Level Calculation)

**30.832**  
**kg CO<sub>2</sub>e**

Calculated using CIBSE DT65 Embodied Carbon Calculator (Beta V1.3)

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