

## TM65 Mid-Level Calculation

**IONWSDL**

ION WALL, SURFACE, DALI MAINTAINED



### Product Information

Weight	1.439 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	17.222 kgCO <sub>2</sub> e	57.78%	TM65 Assumption
A2: Transport	0.570 kgCO <sub>2</sub> e	1.91%	TM65 Assumption
A3: Manufacturing	4.087 kgCO <sub>2</sub> e	13.71%	
A4: Transport to Site	0.057 kgCO <sub>2</sub> e	0.19%	TM65 Assumption
B3: Repair	5.801 kgCO <sub>2</sub> e	19.46%	One battery replacement accounted for over 10 year product life
C2: Transport	0.019 kgCO <sub>2</sub> e	0.06%	
C3: Waste Processing	2.043 kgCO <sub>2</sub> e	6.86%	
C4: Disposal	0.007 kgCO <sub>2</sub> e	0.02%	TM65 Assumption

Total: A1-A4, B3, C2-C4	29.806 kgCO <sub>2</sub> e
Including Buffer Factor	38.748 kgCO <sub>2</sub> e

### Total Embodied Carbon

(TM65 Mid-Level Calculation)

**38.748**

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

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

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