

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 ₂ e	Percentage of Total	Notes
A1: Material Extraction	17.222 kgCO ₂ e	57.78%	TM65 Assumption
A2: Transport	0.570 kgCO ₂ e	1.91%	TM65 Assumption
A3: Manufacturing	4.087 kgCO ₂ e	13.71%	
A4: Transport to Site	0.057 kgCO ₂ e	0.19%	TM65 Assumption
B3: Repair	5.801 kgCO ₂ e	19.46%	One battery replacement accounted for over 10 year product life
C2: Transport	0.019 kgCO ₂ e	0.06%	
C3: Waste Processing	2.043 kgCO ₂ e	6.86%	
C4: Disposal	0.007 kgCO ₂ e	0.02%	TM65 Assumption
Total: A1-A4, B3, C2-C4	29.806 kgCO₂e		
Including Buffer Factor	38.748 kgCO₂e		

Total Embodied Carbon

(TM65 Mid-Level Calculation)

38.748

kg CO₂e

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

For further information, please contact sales@philippayne.co.uk