

TM65 Mid-Level Calculation

IONWSXT

ION WALL, SURACE, SPECTO-XT
MAINTAINED



Product Information

Weight	1.438 kg
Service Life	10 Years
Location of Manufacture	Solihull

Life Cycle Stage	kg CO ₂ e	Percentage of Total	Notes
A1: Material Extraction	17.951 kgCO ₂ e	58.79%	TM65 Assumption
A2: Transport	0.570 kgCO ₂ e	1.87%	TM65 Assumption
A3: Manufacturing	4.086 kgCO ₂ e	13.38%	
A4: Transport to Site	0.057 kgCO ₂ e	0.19%	TM65 Assumption
B3: Repair	5.801 kgCO ₂ e	19.00%	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	6.69%	
C4: Disposal	0.007 kgCO ₂ e	0.02%	TM65 Assumption

Total: A1-A4, B3, C2-C4	30.533 kgCO ₂ e
Including Buffer Factor	39.693 kgCO ₂ e

Total Embodied Carbon

(TM65 Mid-Level Calculation)

39.693

kg CO₂e

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

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