

TM65 Mid-Level Calculation

IONWRXT

ION WALL, RECESSED, SPECTO-XT
MAINTAINED



Product Information

Weight	1.519 kg
Service Life	10 Years
Location of Manufacture	Solihull

Life Cycle Stage	kg CO ₂ e	Percentage of Total	Notes
A1: Material Extraction	18.190 kgCO ₂ e	58.39%	TM65 Assumption
A2: Transport	0.601 kgCO ₂ e	1.93%	TM65 Assumption
A3: Manufacturing	4.315 kgCO ₂ e	13.85%	
A4: Transport to Site	0.060 kgCO ₂ e	0.19%	TM65 Assumption
B3: Repair	5.801 kgCO ₂ e	18.62%	One battery replacement accounted for over 10 year product life
C2: Transport	0.020 kgCO ₂ e	0.06%	
C3: Waste Processing	2.157 kgCO ₂ e	6.93%	
C4: Disposal	0.007 kgCO ₂ e	0.02%	TM65 Assumption
Total: A1-A4, B3, C2-C4	31.152 kgCO₂e		
Including Buffer Factor	40.498 kgCO₂e		

Total Embodied Carbon
(TM65 Mid-Level Calculation)

40.498
kg CO₂e

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

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