

TM65 Mid-Level Calculation

IONWRDL

ION WALL, RECESSED, DALI 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	17.461 kgCO ₂ e	57.39%	TM65 Assumption
A2: Transport	0.602 kgCO ₂ e	1.98%	TM65 Assumption
A3: Manufacturing	4.316 kgCO ₂ e	14.19%	
A4: Transport to Site	0.060 kgCO ₂ e	0.20%	TM65 Assumption
B3: Repair	5.801 kgCO ₂ e	19.07%	One battery replacement accounted for over 10 year product life
C2: Transport	0.020 kgCO ₂ e	0.07%	
C3: Waste Processing	2.158 kgCO ₂ e	7.09%	
C4: Disposal	0.007 kgCO ₂ e	0.02%	TM65 Assumption
Total: A1-A4, B3, C2-C4	30.425 kgCO₂e		
Including Buffer Factor	39.553 kgCO₂e		

Total Embodied Carbon

(TM65 Mid-Level Calculation)

39.553

kg CO₂e

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

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