

TM65 Mid-Level Calculation

HAMWRLM

HAMPTON WALL, RECESSED, MAINTAINED



Product Information

Weight	1.056 kg
Service Life	10 Years
Location of Manufacture	Solihull

Life Cycle Stage	kg CO ₂ e	Percentage of Total	Notes
A1: Material Extraction	12.647 kgCO ₂ e	53.98%	TM65 Assumption
A2: Transport	0.418 kgCO ₂ e	1.79%	TM65 Assumption
A3: Manufacturing	3.001 kgCO ₂ e	12.81%	
A4: Transport to Site	0.042 kgCO ₂ e	0.18%	TM65 Assumption
B3: Repair	5.803 kgCO ₂ e	24.77%	One battery replacement accounted for over 10 year product life
C2: Transport	0.014 kgCO ₂ e	0.06%	
C3: Waste Processing	1.501 kgCO ₂ e	6.40%	
C4: Disposal	0.005 kgCO ₂ e	0.02%	TM65 Assumption

Total: A1-A4, B3, C2-C4	23.430 kgCO ₂ e
Including Buffer Factor	30.460 kgCO ₂ e

Total Embodied Carbon

(TM65 Mid-Level Calculation)

30.460

kg CO₂e

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

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