

TM65 Mid-Level Calculation

HENWSDL

HENLEY, WALL SURFACE, MAINTAINED
DALI



Product Information

Weight	1.273 kg
Service Life	10 Years
Location of Manufacture	Solihull

Life Cycle Stage	kg CO ₂ e	Percentage of Total	Notes
A1: Material Extraction	21.029 kgCO ₂ e	64.05%	TM65 Assumption
A2: Transport	0.504 kgCO ₂ e	1.54%	TM65 Assumption
A3: Manufacturing	3.617 kgCO ₂ e	11.02%	
A4: Transport to Site	0.050 kgCO ₂ e	0.15%	TM65 Assumption
B3: Repair	5.801 kgCO ₂ e	17.67%	One battery replacement accounted for over 10 year product life
C2: Transport	0.017 kgCO ₂ e	0.05%	
C3: Waste Processing	1.809 kgCO ₂ e	5.51%	
C4: Disposal	0.006 kgCO ₂ e	0.02%	TM65 Assumption
Total: A1-A4, B3, C2-C4	32.834 kgCO ₂ e		
Including Buffer Factor	42.684 kgCO ₂ e		

Total Embodied Carbon
(TM65 Mid-Level Calculation)

42.684
kg CO₂e

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

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