

TM65 Mid-Level Calculation

PROEXSLM

PRO EXIT, SURFACE, MAINTAINED



Product Information

Weight	1.516 kg
Service Life	10 Years
Location of Manufacture	Solihull

Life Cycle Stage	kg CO ₂ e	Percentage of Total	Notes
A1: Material Extraction	19.190 kgCO ₂ e	59.71%	TM65 Assumption
A2: Transport	0.600 kgCO ₂ e	1.87%	TM65 Assumption
A3: Manufacturing	4.306 kgCO ₂ e	13.40%	
A4: Transport to Site	0.060 kgCO ₂ e	0.19%	TM65 Assumption
B3: Repair	5.801 kgCO ₂ e	18.05%	One battery replacement accounted for over 10 year product life
C2: Transport	0.020 kgCO ₂ e	0.06%	
C3: Waste Processing	2.153 kgCO ₂ e	6.70%	
C4: Disposal	0.007 kgCO ₂ e	0.02%	TM65 Assumption
Total: A1-A4, B3, C2-C4	32.137 kgCO₂e		
Including Buffer Factor	41.779 kgCO₂e		

Total Embodied Carbon
(TM65 Mid-Level Calculation)

41.779
kg CO₂e

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

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