

TM65 Mid-Level Calculation

PROBLSLM

PRO BLADE, SURFACE, MAINTAINED



Product Information

Weight	1.821 kg
Service Life	10 Years
Location of Manufacture	Solihull

Life Cycle Stage	kg CO ₂ e	Percentage of Total	Notes
A1: Material Extraction	21.277 kgCO ₂ e	59.66%	TM65 Assumption
A2: Transport	0.721 kgCO ₂ e	2.02%	TM65 Assumption
A3: Manufacturing	5.172 kgCO ₂ e	14.50%	
A4: Transport to Site	0.072 kgCO ₂ e	0.20%	TM65 Assumption
B3: Repair	5.801 kgCO ₂ e	16.27%	One battery replacement accounted for over 10 year product life
C2: Transport	0.024 kgCO ₂ e	0.07%	
C3: Waste Processing	2.586 kgCO ₂ e	7.25%	
C4: Disposal	0.009 kgCO ₂ e	0.02%	TM65 Assumption
Total: A1-A4, B3, C2-C4	35.663 kgCO ₂ e		
Including Buffer Factor	46.361 kgCO ₂ e		

Total Embodied Carbon
(TM65 Mid-Level Calculation)

46.361
kg CO₂e

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

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