

TM65 Mid-Level Calculation

PROBLSXT

PRO BLADE, SURFACE, SPECTO-XT
MAINTAINED



Product Information

Weight	1.832 kg
Service Life	10 Years
Location of Manufacture	Solihull

Life Cycle Stage	kg CO ₂ e	Percentage of Total	Notes
A1: Material Extraction	21.921 kgCO ₂ e	60.29%	TM65 Assumption
A2: Transport	0.725 kgCO ₂ e	1.99%	TM65 Assumption
A3: Manufacturing	5.203 kgCO ₂ e	14.31%	
A4: Transport to Site	0.073 kgCO ₂ e	0.20%	TM65 Assumption
B3: Repair	5.801 kgCO ₂ e	15.96%	One battery replacement accounted for over 10 year product life
C2: Transport	0.024 kgCO ₂ e	0.07%	
C3: Waste Processing	2.602 kgCO ₂ e	7.16%	
C4: Disposal	0.009 kgCO ₂ e	0.02%	TM65 Assumption
Total: A1-A4, B3, C2-C4	36.358 kgCO₂e		
Including Buffer Factor	47.266 kgCO₂e		

Total Embodied Carbon

(TM65 Mid-Level Calculation)

47.266

kg CO₂e

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

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