

TM65 Mid-Level Calculation

EXTUBE SURFACE

887mm - Surface Mount - Specto-XT
Maintained Emergency



Product Information

Weight	8.346 kg
Service Life	10 Years
Location of Manufacture	Redditch

Life Cycle Stage	kg CO ₂ e	Percentage of Total	Notes
A1: Material Extraction	65.896 kgCO ₂ e	71.03%	TM65 Assumption
A2: Transport	3.305 kgCO ₂ e	3.56%	TM65 Assumption
A3: Manufacturing	8.855 kgCO ₂ e	9.55%	
A4: Transport to Site	0.330 kgCO ₂ e	0.36%	TM65 Assumption
B3: Repair	9.801 kgCO ₂ e	10.56%	One battery replacement accounted for over 10 year product life
C2: Transport	0.110 kgCO ₂ e	0.12%	
C3: Waste Processing	4.428 kgCO ₂ e	4.77%	
C4: Disposal	0.041 kgCO ₂ e	0.04%	TM65 Assumption

Total: A1-A4, B3, C2-C4 92.766 kgCO₂e

Including Buffer Factor 120.596 kgCO₂e

Total Embodied Carbon
(TM65 Mid-Level Calculation)

120.596
kg CO₂e

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

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