

TM65 Mid-Level Calculation

EXTUBE SURFACE

1137mm - Surface Mount - Specto-XT
Maintained Emergency



Product Information

Weight	9.556 kg
Service Life	10 Years
Location of Manufacture	Redditch

Life Cycle Stage	kg CO ₂ e	Percentage of Total	Notes
A1: Material Extraction	70.890 kgCO ₂ e	70.72%	TM65 Assumption
A2: Transport	3.784 kgCO ₂ e	3.78%	TM65 Assumption
A3: Manufacturing	10.139 kgCO ₂ e	10.12%	
A4: Transport to Site	0.378 kgCO ₂ e	0.38%	TM65 Assumption
B3: Repair	9.801 kgCO ₂ e	9.78%	One battery replacement accounted for over 10 year product life
C2: Transport	0.126 kgCO ₂ e	0.13%	
C3: Waste Processing	5.070 kgCO ₂ e	5.06%	
C4: Disposal	0.047 kgCO ₂ e	0.05%	TM65 Assumption

Total: A1-A4, B3, C2-C4	100.235 kgCO ₂ e
Including Buffer Factor	130.306 kgCO ₂ e

Total Embodied Carbon
(TM65 Mid-Level Calculation)

130.306
kg CO₂e

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

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