

TM65 Mid-Level Calculation

EXTUBE ROOT

1137mm - Root Mount - Specto-XT
Maintained Emergency



Product Information

Weight	11.329 kg
Service Life	10 Years
Location of Manufacture	Redditch

Life Cycle Stage	kg CO ₂ e	Percentage of Total	Notes
A1: Material Extraction	77.980 kgCO ₂ e	70.28%	TM65 Assumption
A2: Transport	3.784 kgCO ₂ e	4.04%	TM65 Assumption
A3: Manufacturing	12.020 kgCO ₂ e	10.12%	
A4: Transport to Site	0.449 kgCO ₂ e	0.40%	TM65 Assumption
B3: Repair	9.801 kgCO ₂ e	8.83%	One battery replacement accounted for over 10 year product life
C2: Transport	0.150 kgCO ₂ e	0.13%	
C3: Waste Processing	6.010 kgCO ₂ e	5.42%	
C4: Disposal	0.055 kgCO ₂ e	0.05%	TM65 Assumption

Total: A1-A4, B3, C2-C4	110.950 kgCO ₂ e
Including Buffer Factor	144.235 kgCO ₂ e

Total Embodied Carbon

(TM65 Mid-Level Calculation)

144.235

kg CO₂e

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

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