

TM65 Mid-Level Calculation

EXTUBE ROOT

1137mm - Root Mount - Maintained
Emergency



Product Information

Weight	11.064 kg
Service Life	10 Years
Location of Manufacture	Redditch

Life Cycle Stage	kg CO ₂ e	Percentage of Total	Notes
A1: Material Extraction	71.604 kgCO ₂ e	68.83%	TM65 Assumption
A2: Transport	4.381 kgCO ₂ e	4.21%	TM65 Assumption
A3: Manufacturing	11.739 kgCO ₂ e	11.28%	
A4: Transport to Site	0.438 kgCO ₂ e	0.42%	TM65 Assumption
B3: Repair	9.801 kgCO ₂ e	9.42%	One battery replacement accounted for over 10 year product life
C2: Transport	0.146 kgCO ₂ e	0.14%	
C3: Waste Processing	5.870 kgCO ₂ e	5.64%	
C4: Disposal	0.054 kgCO ₂ e	0.05%	TM65 Assumption

Total: A1-A4, B3, C2-C4	104.034 kgCO ₂ e
Including Buffer Factor	135.244 kgCO ₂ e

Total Embodied Carbon

(TM65 Mid-Level Calculation)

135.244

kg CO₂e

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

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