

## TM65 Mid-Level Calculation

### EXTUBE ROOT

887mm - Root Mount - Maintained  
Emergency



### Product Information

Weight	9.748 kg
Service Life	10 Years
Location of Manufacture	Redditch

Life Cycle Stage	kg CO <sub>2</sub> e	Percentage of Total	Notes
A1: Material Extraction	66.172 kgCO <sub>2</sub> e	68.99%	TM65 Assumption
A2: Transport	3.860 kgCO <sub>2</sub> e	4.02%	TM65 Assumption
A3: Manufacturing	10.342 kgCO <sub>2</sub> e	10.78%	
A4: Transport to Site	0.386 kgCO <sub>2</sub> e	0.40%	TM65 Assumption
B3: Repair	9.801 kgCO <sub>2</sub> e	10.22%	One battery replacement accounted for over 10 year product life
C2: Transport	0.129 kgCO <sub>2</sub> e	0.14%	
C3: Waste Processing	5.171 kgCO <sub>2</sub> e	5.39%	
C4: Disposal	0.048 kgCO <sub>2</sub> e	0.05%	TM65 Assumption

Total: A1-A4, B3, C2-C4 95.909 kgCO<sub>2</sub>e

Including Buffer Factor 124.681 kgCO<sub>2</sub>e

**Total Embodied Carbon**  
(TM65 Mid-Level Calculation)

**124.681**  
**kg CO<sub>2</sub>e**

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

For further information, please contact [sales@philippayne.co.uk](mailto:sales@philippayne.co.uk)