

TM65 Mid-Level Calculation

EXTUBE ROOT

887mm - Root Mount - Specto-XT Maintained
Emergency



Product Information

Weight	10.012 kg
Service Life	10 Years
Location of Manufacture	Redditch

Life Cycle Stage	kg CO ₂ e	Percentage of Total	Notes
A1: Material Extraction	72.548 kgCO ₂ e	70.55%	TM65 Assumption
A2: Transport	3.965 kgCO ₂ e	3.86%	TM65 Assumption
A3: Manufacturing	10.623 kgCO ₂ e	10.33%	
A4: Transport to Site	0.396 kgCO ₂ e	0.39%	TM65 Assumption
B3: Repair	9.801 kgCO ₂ e	9.53%	One battery replacement accounted for over 10 year product life
C2: Transport	0.132 kgCO ₂ e	0.13%	
C3: Waste Processing	5.311 kgCO ₂ e	5.17%	
C4: Disposal	0.049 kgCO ₂ e	0.05%	TM65 Assumption

Total: A1-A4, B3, C2-C4	102.825 kgCO ₂ e
Including Buffer Factor	133.672 kgCO ₂ e

Total Embodied Carbon
(TM65 Mid-Level Calculation)

133.672
kg CO₂e

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

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