


Cable Tray Product Data Sheet

Product Range	Troughing	Image shown for reference Only 
Description	GRP Cable Troughing System	
Key Features	No corrosion Insulating Easy installation Self-extinguishing with zero Halogen Light and Robust	
Dimensions	150x150mm to 250x150mm	
Material(s)	Glass Reinforced Polyester (GRP) Standard colour RAL7032	
Compliance / Standard(s)	CE Marked Low Voltage Directive 2014/35/EC BS 7671:2008+A3:2015 Refer to sheet 2 for complete list	
Packaging	Recyclable	

Carbon assessment

The Carbon Trust was set up by Government in 2001 as an independent company. Their mission is to accelerate the move to a low carbon economy by working with organisations to reduce carbon emissions and develop commercial low carbon technologies. Marshall-Tufflex was assessed by the Carbon Trust in 2007 and received an excellent report.

Sustainability

EBO Cable Tray is manufactured from 100% recyclable materials all offering excellent fire performance.

Quality Management Systems

Marshall-Tufflex is totally committed to quality and customer satisfaction and the Company is recognised by the British Standards Institution as a firm of Assessed Capability to BS EN ISO 9001:2008.

Environmental Management Systems

Marshall-Tufflex is totally committed to achieving high environmental standards. The Company is recognised by the BSI as a firm of Assessed Capability to BS EN ISO 14001:2004 (Environment) and BS EN ISO 50001:2011 (Energy).

Standards Claimed

- IEC 60695-2-12 : 1994 – ASTM D6194, relative to Fire Hazard testing, test methods, Glow wire test and guidance
- UL94 – ASTM D635, relative to Fire Hazard testing, test methods, Flammability of plastic materials and guidance
- UL723 – ASTM E84, relative to Fire Hazard testing, test methods, Surface burning characteristics of building materials
- NF-F-16101, relative to Fire Hazard testing, test methods, Fire behaviour of materials for rolling stock
- BS476 part 7, relative to Fire Hazard testing, test methods, Test for surface spread of flame of materials
- BS476 part 6, relative to Fire Hazard testing, test methods, Test for fire propagation for materials
- DIN 5510-2, relative to Fire Hazard testing, test methods, Protective fire protection in railway vehicles
part 2 : fire behaviour and fire side effects of materials and parts
- DIN 4102-part 12:1998-05, relative to Fire Hazard testing, Fire behaviour of building materials and parts,
- IEC 61537, relative to requirements and tests for cable tray systems and cable ladder systems intended for the support and accommodation of cables and possibly other electrical equipment in electrical and/or communication systems installations
- NEMA FG1: 2006, relative to requirements and tests for cable tray systems and cable ladder systems intended for the support and accommodation of cables
- ISO 527-5, relative to requirements and test method of mechanical characterization of composite materials, by measuring the tensile strength at break point and the elasticity modulus
- ISO 4892-2, relative to UV resistance characterization of composite materials, with an accelerated ageing test by UV exposure
- ISO 4892-2, ISO 9227, relative to the UV and corrosion resistance characterization of composite materials, with an accelerated ageing test by UV and salt spray exposure
- IEC 60079-0, relative to the electrostatic characterization of composite materials, by measuring the insulating resistance on surface and the detection of sparks generated after friction, with a relative humidity > 65% and an ambient temperature of 25 °C
- IEC 60093, relative to the electrostatic characterization of composite materials by measuring the insulating resistance on surface and the detection of sparks generated after friction, with a relative humidity < 50%