

Composite Covers

Frame & Cover

Product Description

Composite covers offer a lightweight cover with no reduction in loading performance. A wide range of sizes can be manufactured utilising multi-cover frames and there are options for bespoke customer badging.



Example Frame Details

Clear Opening:	1188mm x 1188mm	Including Riser:	130mm
External Dimensions:	1272mm x 1272mm	Including Beam Pocket:	188mm
Including Flange:	1348mm x 1348mm	Crosspiece(s): Weight:	1 x 854mm x 89mm 47.3 kg
Depth:	30mm		



Cover Details

Cover Type 1: 4 x 600mm x 600mm
 Weight: 20.5 kg

Cover Material Properties

Material Profile	Glass Reinforced Polyester (GRP)	Black
Tensile Strength	ISO 527-4	62 MPa
Elastic Modulus	ISO 527	11 GPa
Flexural Strength	ISO 14125	200 MPa
Flexural Modulus	ISO 14125	11 GPa
Impact Strength	ISO 179	80 kJ/m ²
Heat Distortion Temperature	EN ISO 75-2	1.81 g/cm ²
Density	ISO 1183	>200°C
Water Resistance	ISO 62	≤0.5%
Volume Resistivity	IEC 60093	1E+15 Ohm/cm
Surface Resistivity	IEC 60093	>1,00E+12 Ohm
Fire Performance	UL 94	HB
Skid Resistance	BS EN 13036-4:2011	78 PTV (DRY) 58 PTV (WET)

Overall Details

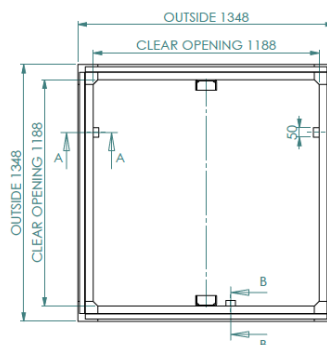
Product Code: FCCOS3-12001200-CR00*B**4
 Total Weight: 129.3 kg

Installation

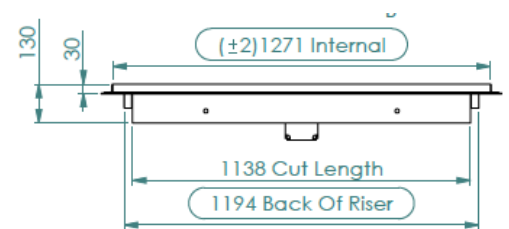
The product is designed for use in both footway and roadway installations where it provides access to underground ducting (EN124 Class A15-C250).

Key Features

- Lightweight covers
- No inherent scrap value
- Anti-slip design



Composite cross-section top view



Composite cross-section detail