

Sterling Profile trunking

Material

PVC-U is flame retardant and self-extinguishing. It is a 100% recyclable material.

Our PVC-U products are manufactured from an average of 80% recycled plastic, with some extruded products produced from 100% recycled material. The index at the back of the catalogue details the recycled content by individual product.

Positioning

If used for skirting applications, a clearance of 10mm is recommended above the floor covering to maintain IP4X rating.

Screening

Special conductive spray coating can be applied to one compartment, the cover, accessory boxes and fittings, to screen data cables against EMI interference.

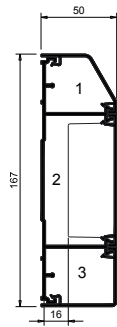
- **For data/voice circuits only:**

Warning: Owing to its relatively high surface resistance, CS coating SHOULD NOT be in contact with low voltage circuits as per the current version of BS 7671 wiring regulations. 50 V.A.C. – 1000 V.A.C. unless additional measures are undertaken.

Antimicrobial

For technical details of antimicrobial Sterling Profile Bio trunking, please refer to Laboratory and Healthcare section on page 293.

Dimensions



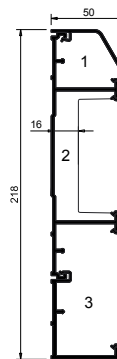
Sterling Profile 2 no box

- 1 = 1266mm² total area
- 1 = 570mm² 45% space factor
- 2 = 3858mm² total area
- 2 = 1736mm² 45% space factor
- 3 = 1542mm² total area
- 3 = 694mm² 45% space factor

With box in comp 2

- 2 = 1376mm² total area
- 2 = 619mm² 45% space factor

Note: The dimensions shown in this drawing can be used to work out dimensions for Sterling Profiles 1 and 3.

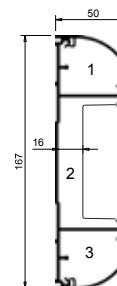


Sterling Profile 4 no box

- 1 = 1266mm² total area
- 1 = 570mm² 45% space factor
- 2 = 3858mm² total area
- 2 = 1736mm² 45% space factor
- 3 = 3716mm² total area
- 3 = 1672mm² 45% space factor

With box in comp 2 or 3

- 2 = 1376mm² total area
- 2 = 619mm² 45% space factor
- 3 = 1234mm² total area
- 3 = 555mm² 45% space factor

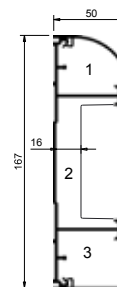


Sterling Curve Profile 1 – no box

- 1 & 3 = 1170mm² total area
- 1 & 3 = 527mm² 45% space factor
- 2 = 3858mm² total area
- 2 = 1736mm² 45% space factor

With box in comp 2

- 2 = 1376mm² total area
- 2 = 619mm² 45% total area



Sterling Curve Profile 2 – no box

- 1 = 1170mm² total area
- 1 = 527mm² 45% space factor
- 2 = 3858mm² total area
- 2 = 1736mm² 45% space factor
- 3 = 1542mm² total area
- 3 = 694mm² 45% space factor

With box in comp 2

- 2 = 1376mm² total area
- 2 = 619mm² 45% space factor

Sterling Profile

Cable capacities

- All calculations allow for a 45% space factor.

As there can be differences between cable sizes, Marshall-Tufflex recommend that cable dimensions are confirmed with the manufacturing company.

Cable capacity chart	Compartment 1		Compartment 2		Compartment 3	
	No box	With box	No box	With box	No box	With box
PVC power cable 1.5mm² stranded copper						
Sterling Profile 1	66	-	201	71	66	-
Sterling Profile 2	66	-	201	71	80	-
Sterling Profile 3	80	-	201	71	80	-
Sterling Profile 4	66	-	201	71	194	69
Sterling Curve Profile 1	61	-	201	71	61	-
Sterling Curve Profile 2	61	-	201	71	80	-
PVC power cable 2.5mm² stranded copper						
Sterling Profile 1	45	-	137	49	45	-
Sterling Profile 2	45	-	137	49	55	-
Sterling Profile 3	55	-	137	49	55	-
Sterling Profile 4	45	-	137	49	132	47
Sterling Curve Profile 1	41	-	137	49	41	-
Sterling Curve Profile 2	41	-	137	49	55	-
PVC power cable 4.0mm² stranded copper						
Sterling Profile 1	34	-	104	37	34	-
Sterling Profile 2	34	-	104	37	41	-
Sterling Profile 3	41	-	104	37	41	-
Sterling Profile 4	34	-	104	37	100	33
Sterling Curve Profile 1	31	-	104	37	31	-
Sterling Curve Profile 2	31	-	104	37	41	-
Data cable: Ø5.5mm²						
Sterling Profile 1	23	-	73	26	23	-
Sterling Profile 2	23	-	73	26	29	-
Sterling Profile 3	29	-	73	26	29	-
Sterling Profile 4	23	-	73	26	70	23
Sterling Curve Profile 1	22	-	73	26	23	-
Sterling Curve Profile 2	22	-	73	26	29	-
Data cable: Ø6.0mm²						
Sterling Profile 1	20	-	61	21	20	-
Sterling Profile 2	20	-	61	21	24	-
Sterling Profile 3	24	-	61	21	24	-
Sterling Profile 4	20	-	61	21	59	20
Sterling Curve Profile 1	18	-	61	21	18	-
Sterling Curve Profile 2	18	-	61	21	24	-
Data cable: Ø6.5mm²						
Sterling Profile 1	17	-	52	18	17	-
Sterling Profile 2	17	-	52	18	20	-
Sterling Profile 3	20	-	52	18	20	-
Sterling Profile 4	17	-	52	18	50	17
Sterling Curve Profile 1	15	-	52	18	15	-
Sterling Curve Profile 2	15	-	52	18	20	-
Data cable: Ø7.0mm²						
Sterling Profile 1	14	-	45	16	14	-
Sterling Profile 2	14	-	45	16	18	-
Sterling Profile 3	18	-	45	16	18	-
Sterling Profile 4	14	-	45	16	43	14
Sterling Curve Profile 1	13	-	45	16	13	-
Sterling Curve Profile 2	13	-	45	16	18	-
Data cable: Ø8.4mm²						
Sterling Profile 1	10	-	31	11	10	-
Sterling Profile 2	10	-	31	11	12	-
Sterling Profile 3	12	-	31	11	12	-
Sterling Profile 4	10	-	31	11	30	10
Sterling Curve Profile 1	9	-	31	11	9	-
Sterling Curve Profile 2	9	-	31	11	12	-