

Steel trunking systems

www.marshall-tufflex.com

Steel trunking systems incorporate clean lines with a functionality that provides greater mechanical strength combined with first class fire performance and excellent screening capability.



Steel trunking systems

Steel has a mechanical strength that makes it a robust and durable option for public areas where there is a high footfall. Steel trunking provides specifiers, contractors and end-users with reliable, practical systems with hard-wearing, clean lines and all the advantages of inherent LSOH (low smoke zero halogen) and screening properties.

Our compact Steel trunking systems incorporate stylish clean lines with a functionality that provides greater mechanical strength combined with first class fire performance, excellent screening capability and increased capacity for power and data services.

- Ease of installation - our base unit has two standard mounting holes of 6.5 mm every 500mm
- Multiple earthing possibilities in the trunking, at the multi-purpose clip and with the coupler set
- Base systems held by internal coupler sets with scraping cams
- Friction fit covers
- Simple to cut system - empty base with no rail to cut through
- Wide range of fittings and accessories

Standard colour

The standard colour for each Marshall-Tufflex range is shown within each relevant product information section, although solid white RAL 9010 is our most popular colour option for steel trunking.

The below table identifies the relevant RAL colour reference for all our standard colour options, dependent on product range. However we would be happy to quote for any other colour requirements, please see the Special Colours section.

Material	Standard colour	Colour code suffix	RAL
Steel	White	WH	9010

Please note that it is dependent on the product range as to which colour is available as standard.

Standard Colour
WH
WH: White RAL9010

Special colours

To help enhance the style of an installation, different variations of solid colour are sometimes required.

We can provide special colours in a painted solution dependent on your client's preference. All special colour requirements will need to be specified as a RAL colour.


Please note that these colours are made to order and therefore are subject to set up charges and a longer lead time. For more information and a quotation contact our Technical Team on 01424 856688.



System 130

130 x 63mm

A compact rectangular dado trunking also suitable as a feeder trunking.




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System 170

170 x 63mm

A mid-size rectangular dado and skirting trunking also suitable as a feeder trunking.




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Information


Please note that our steel systems may be subject to lead times.
For further information please call our Technical Team on 01424 856688.

Note: you may use the rule on the left of this page to check profile sizes.




Environmental

- Steel is very friendly to the environment.
- Compared to other materials it requires relatively low amounts of energy to produce.
- The steel industry has made immense efforts to limit environmental pollution in the last decades.
- Energy consumption and carbon dioxide emissions have decreased by half of what they were in the 1960s.
- Dust emissions have been reduced by even more.



Recycling and sustainability


- 100% recyclable material.
- Can be recycled many times without loss of quality.
- The steel industry has been recycling for more than 150 years.
- Recycling one ton of steel saves 1,100 kilos of iron ore, 630 kilos of coal and 55 kilos of limestone.
- Structural steel typically contains around 95% recycled steel content.
- Recycling facilities are well established.



EMI protection

(Electromagnetic interference)

- Steel naturally has very strong EMI properties.



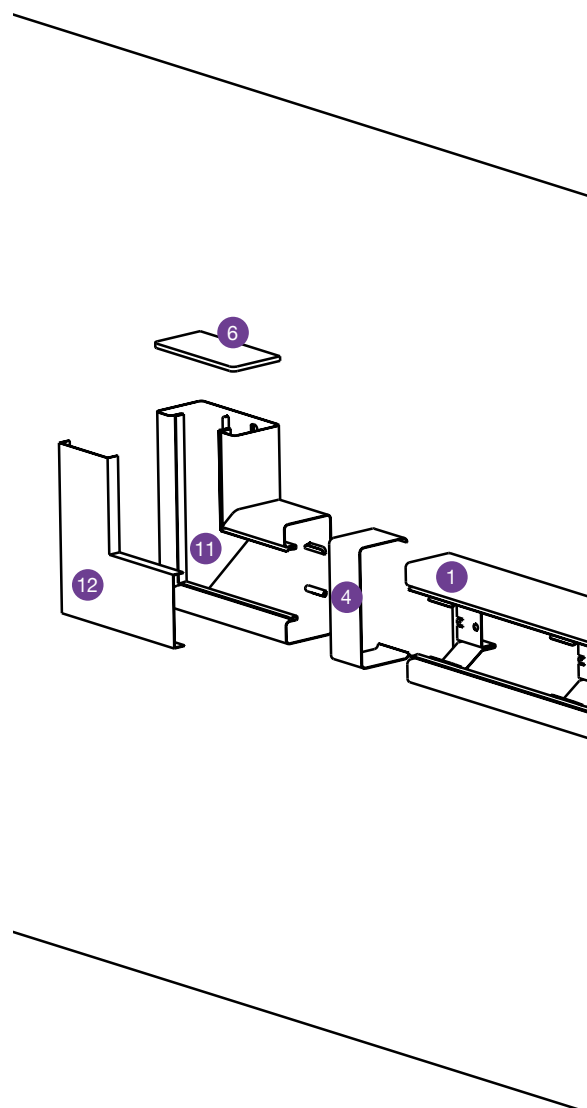
Fire performance

- Steel trunking systems meet accepted requirements for LSOH.
- Withstands high temperatures with a melting point of approximately 1370°C (2500°F).
- Type and thickness of any coating needs to be considered as this can affect fire performance.

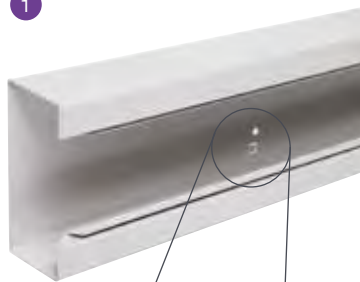
Our compact Steel trunking systems incorporate stylish clean lines with a functionality that provides greater mechanical strength combined with first class fire performance and excellent screening capability.

- Ease of installation - our base unit has two standard mounting holes of 6.5 mm every 500mm
- Multiple earthing possibilities in the trunking, at the multi-purpose clip and with the coupler set
- Base systems held by internal coupler sets with scraping cams
- Friction fit covers
- Simple to cut system - empty base with no rail to cut through
- Wide range of fittings and accessories

Decription	System 130	System 170
1 Base unit	351215	351216
2 Cover 1 metre	351210	351210
Cover 1.5 metre	351230	351230
3 Dividing fillet	351189	351189
4 External tolerance sleeve	351075	351076
5 External joint cover	351105	351106
6 End cap	351045	351046
7 Internal bend base	351275	351276
8 External bend base	351305	351306
9 External bend cover	351240	351240
10 Universal int/ext bend	351175	351176
11 Flat angle base up/down	351335	351336
12 Flat angle cover	351260	351260
13 Flat tee base – up/down	351395	351396
14 Internal coupling/bonding set	351525	351526
15 Universal multi-purpose clip	351319	351319



1



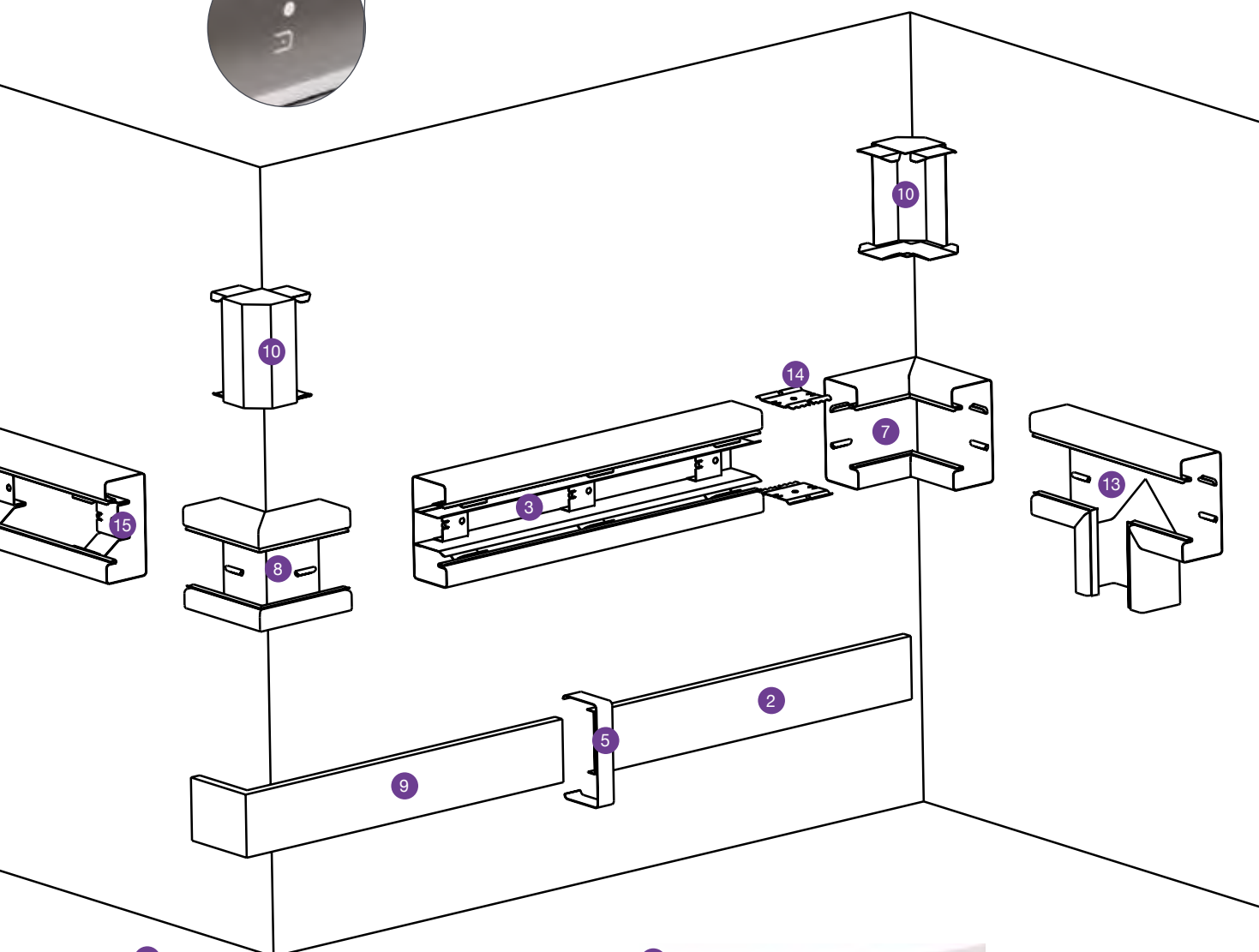
Two standard mounting holes of 6.5 mm every 500mm for easy mounting.

Trunking bases have a 6.4mm earth tag at every 500mm.

3



Dividing fillets allow the systems to be sub-divided into two or three compartments.



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Multi-purpose clip allows separation of power and data cables - ensuring a 50mm distance between cables or can accommodate the dividing fillet.

1

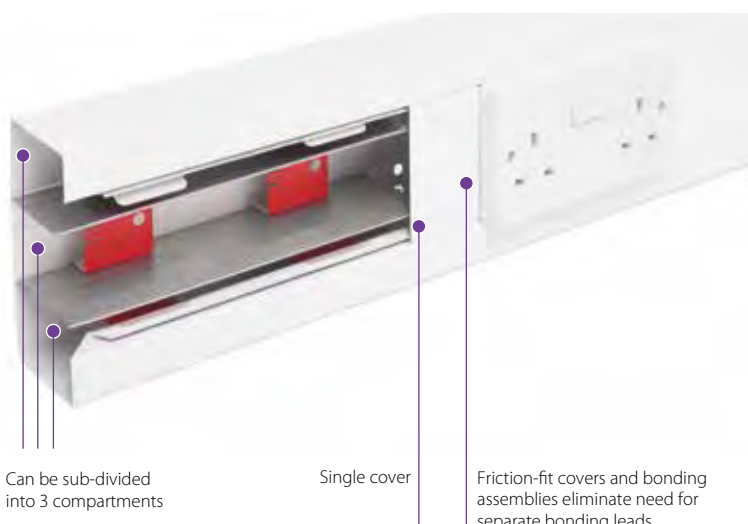


Markings on the base help to position the wiring device boxes, measure and cut trunking to the desired length.

Steel System 130 is stylish compact pre-galvanised trunking system with extra depth and a resilient white powder-coat finish that helps to prevent smearing and marking.

Product information

- 130 x 63mm
- 1 main compartment
- Can be sub-divided
- Suitable for dado application



Standard colour

WH

WH: White RAL9010

Please note that our steel systems may be subject to lead times. For further information please call the Technical Team on 01424 856688.

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Technical Information

Basic components



Base Unit

code	size	pack
351215	130 x 63mm	1 x 2m



Cover

code	length	pack
351210	1m	10 x 1m
351230	1.5m	10 x 1.5m



Dividing Fillets

code	size	pack
351189	1m	10 x 1m

Please note 2 Universal multi-purpose clips (see page 145) are needed to hold each dividing fillet in place.

Fittings



External tolerance sleeve

code	width	pack
351075	40mm	5



External joint cover

code	width	pack
351105	25mm	5



End cap

code	pack
351045	5

For use with LBS3



Internal bend base

code	pack
351275	1



External bend base

code	pack
351305	1



External bend cover

code	pack
351240	1

Fittings



Universal int/ext bend

code	pack
351175	1



Flat angle base – up/down

code	pack
351335	1



Flat angle cover

code	pack
351260	1



Flat tee base – up/down

code	pack
351395	1

Bonding Assemblies



Internal coupling/bonding set

code	pack
351525	10 sets

Please note each set consists of 2 pieces



End cap bonding strap

code	pack
LBS3	1

Accessories



Universal multi-purpose clip

code	pack
351319	1

Touch-up paint RAL 9010

code	size	pack
351029	25ml	1

Boxes



1 gang accessory box

code	depth	pack
RSSB10WH	40mm	12



2 gang accessory box

code	depth	pack
RSSB20WH	40mm	6



Cover spacer for accessory boxes

code	width	pack
WG01085	50mm	10

Steel System 170 is a mid-sized pre-galvanised trunking system with extra depth and a resilient white powder-coat finish that helps to prevent smearing and marking.

Product information

- 170 x 63mm
- 1 main compartment
- Can be sub-divided
- Suitable for dado and skirting application



Can be sub-divided into 3 compartments

Single cover

Friction-fit covers and bonding assemblies eliminate need for separate bonding leads

Standard colour

WH

WH: White RAL9010

Please note that our steel systems may be subject to lead times. For further information please call the Technical Team on 01424 856688.

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Technical Information

Basic components



Base unit

code	size	pack
351216	170 x 63mm	1 x 2m



Cover

code	length	pack
351210	1m	10 x 1m
351230	1.5m	10 x 1.5m

Please note 2 Universal multi-purpose clips (see page 147) are needed to hold each dividing fillet in place.

Fittings



External tolerance sleeve

code	width	pack
351076	40mm	5



External joint cover

code	width	pack
351106	25mm	5



End cap

code	pack
351046	5

For use with LBS3



Internal bend base

code	pack
351276	1



External bend base

code	pack
351306	1



External bend cover

code	pack
351240	1



Dividing fillet

code	length	pack
351189	1m	10 x 1m

Fittings



Universal int/ext bend

code	pack
351176	1



Flat angle base – up/down

code	pack
351336	1



Flat angle cover

code	pack
351260	1



Flat tee base – up/down

code	pack
351396	1

Bonding Assemblies



Internal coupling/bonding set

code	pack
351526	10 sets

Please note each set consists of 2 pieces



End cap bonding strap

code	pack
LBS3	1

Accessories



Universal multi-purpose clip

code	pack
351319	1

Touch-up paint RAL 9010

code	size	pack
351029	25ml	1

Boxes



1 gang accessory box

code	depth	pack
RSSB10WH	40mm	12



2 gang accessory box

code	depth	pack
RSSB20WH	40mm	6



Cover spacer for accessory boxes

code	width	pack
WG01085	50mm	10

