

MARSHALL-TUFFLEX

Maxi Trunking Systems

INSTALLATION INSTRUCTIONS



UK OWNED
UK MANUFACTURER



PLANNING INSTALLATION

Establish layout, paying attention to, Direction of Changes, Feed Positions & Component Spacing.

CLEANING

The exterior should only be cleaned using a damp cloth.

DISPOSAL INSTRUCTIONS

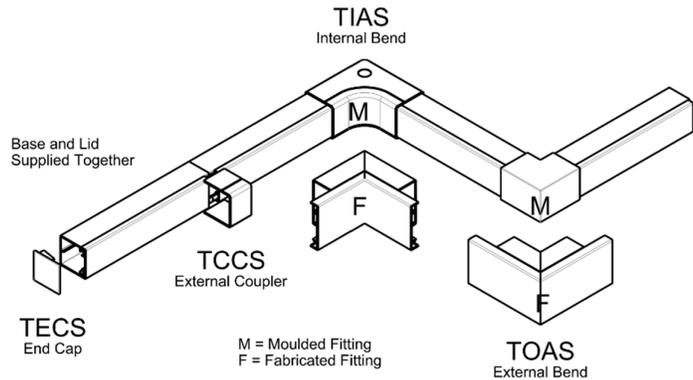
The product and packaging should be disposed of via standard civic amenity facilities.

Please note that this material is 100% recyclable.

To ensure a safe installation, this product must be installed by a skilled or instructed person, in accordance with the current edition of UK IEE wiring regulations (BS 7671) and building regulations.

For product classification refer to DOC03416. If you are in any doubt regarding the installation or application of this product, please contact: The Technical Team on +44 (0) 1424 856688

PVC-U expands/contracts at a uniform rate of approx. 7mm in a 4m length for a temperature change of 25°C.



External Bends

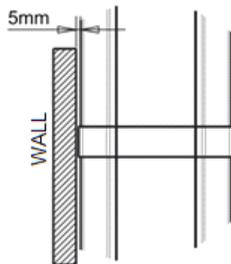
Molded Option only for MTRS50 and MTRS100/50

Internal Bends

All other trunking sizes have fabricated fitting
Molded Option only for MTRS50 and MTRS100/50
All other trunking sizes have fabricated fittings

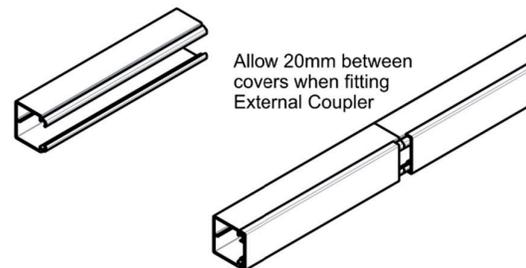
[1] When fitting trunking be mindful of:

When used as a skirting system or run against a vertical wall, enough clearance must be allowed between the floor covering or wall and the profile fittings that clip over the covers (External Coupler, Moulded Internal Bend, External bend, and Flat Tee).



[2] Fitting of trunking

Secure the trunking base every 500mm by drilling alternative 6mm holes. To fasten the base use No.8 round head screws & washers, **avoid over tightening** to permit thermal movement. Use of plastic caps over screw heads is recommended to protect cables.



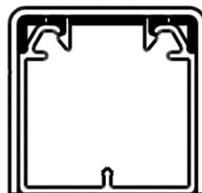
[3] Retention of Fittings (Moulded)

Internal Bends fully enclose both lid and base with 20mm overlap, External Coupler, External Bend and Flat Angles clip into the trunking base. No additional fastening device is necessary. All are provided with a generous 10mm overlap of lids, to accommodate thermal expansion and to compensate for errors in cutting

Lid cut back from end of trunking as follows:

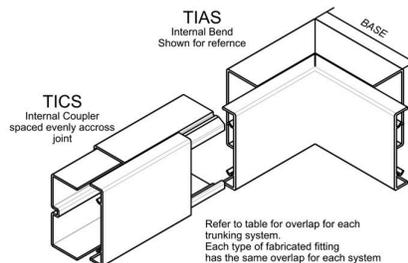
- External Coupler 10mm (all systems)
- (MTRS50) External Bend 15mm
- MTRS100/50) External Bend 15mm
- (MTRS50) Flat Angle 65mm
- (MTRS100/50) Flat Angle 102mm

Base and Lid need to be flush for End Caps



[4] Retention of Fittings (Fabricated)

All fabricated fittings are supplied with overhanging lids, that are intended to clip on to trunking base butted up to the fitting. Use of internal Couplers is recommended to assist with alignment. One end should be glued to the fitting using adhesive solvent MSC and leaving the other end free in adjoining base to facilitate thermal expansion.

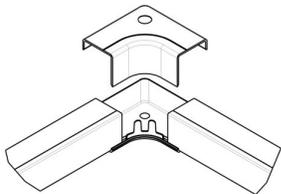


	BASE INT	BASE EXT
MTRS75/50	100mm	80mm
MTRS75	145mm	70mm
MTRS100	180mm	80mm
MTRS150	250mm	100mm
	OVERLAP	OVERLAP
MTRS75/50	40mm	40mm
MTRS75	60mm	60mm
MTRS100	75mm	75mm
MTRS150	100mm	100mm

Refer to table for overlap for each trunking system. Each type of fabricated fitting has the same overlap for each system

[5] Internal Bends (Moulded)

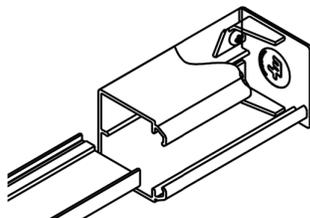
To fit the internal bend first remove one half and fix the second piece to the corner, fit trunking base so it overlaps moulding by 20mm as shown, because the moulding is 2mm thick the base of the trunking will sit off the wall where it enters the fitting, secure trunking base 20 – 30mm distance from moulding edge, clip the first half back onto the second to complete assembly



[6] Secured End Caps and Dividing Fillets

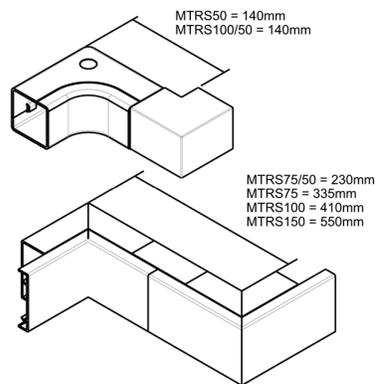
If fitting dividing fillet, slide length along base retaining rib starting at one end of trunking or snap into place where required

End caps butt up to the end of the base and lid, No.8 round head fixing screws are recommended for the retention of the end cap



[7] Offset Dimension

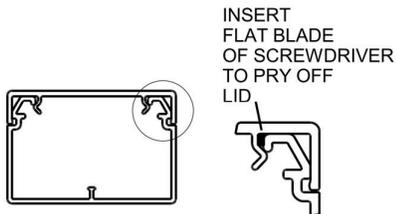
For molded Internal and External Bends



For fabricated Internal and External Bends

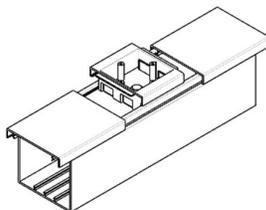
[8] Cover removal

The lids have been designed to remain in position irrespective of impact during normal conditions and minor undulations of fixing surface, once a tool has been used to pry the lid from the base, then it simply peels away



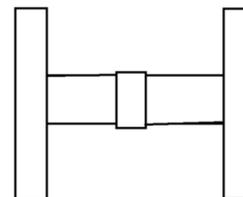
[9] MTRS100 & MTRS100/50 Socket plates

100mm wide systems can be fitted with 1 or 2 gang accessories fitted to mounting plates that clip into the trunking base. No additional fastening device is necessary. All are provided with a generous 5mm overlap of lids, to retain the plates, Standard wiring accessories overlap the plates ensuring IP4X compliance



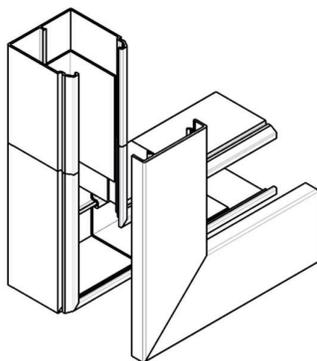
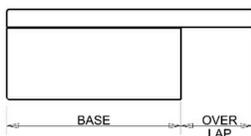
[10] Short Length

To fit a single length of trunking (under 3 metres) between two inside walls and with no accessory box fitted; it is advisable to install a coupler in the centre of the run to facilitate the removal of the cover

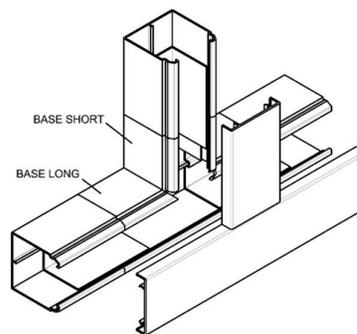
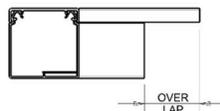


[10] Fabricated Flat Angle and Flat Tee

	BASE INT	BASE EXT
MTRS75/50	100mm	80mm
MTRS75	145mm	70mm
MTRS100	180mm	80mm
MTRS150	250mm	100mm
	OVERLAP	OVERLAP
MTRS75/50	40mm	40mm
MTRS75	60mm	60mm
MTRS100	75mm	75mm
MTRS150	100mm	100mm



	BASE LONG	BASE SHORT
MTRS50	200mm	75mm
MTRS75/50	175mm	50mm
MTRS75	215mm	70mm
MTRS100/50	250mm	75mm
MTRS100	260mm	80mm
MTRS150	350mm	100mm
	OVERLAP	OVERLAP
MTRS50	50mm	50mm
MTRS75/50	40mm	40mm
MTRS75	60mm	60mm
MTRS100/50	50mm	50mm
MTRS100	75mm	75mm
MTRS150	100mm	100mm



All fabricated Flat Angles are supplied with overhanging lids, that are intended to clip on to trunking base butted up to the fitting. Use of internal Couplers is recommended to assist with alignment. One end should be glued to the fitting using adhesive solvent MSC and leaving the other end free in adjoining base to facilitate thermal expansion.

All fabricated Flat Tees are supplied with overhanging lids, that are intended to clip on to trunking base butted up to the fitting. Use of internal Couplers is recommended to assist with alignment. One end should be glued to the fitting using adhesive solvent MSC and leaving the other end free in adjoining base to facilitate thermal expansion