

# MARSHALL-TUFFLEX

## TwinPlus Trunking System



UK OWNED  
UK MANUFACTURER



### INSTALLATION INSTRUCTIONS

#### PLANNING INSTALLATION

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

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

#### CLEANING

The exterior should only be cleaned using a damp cloth.

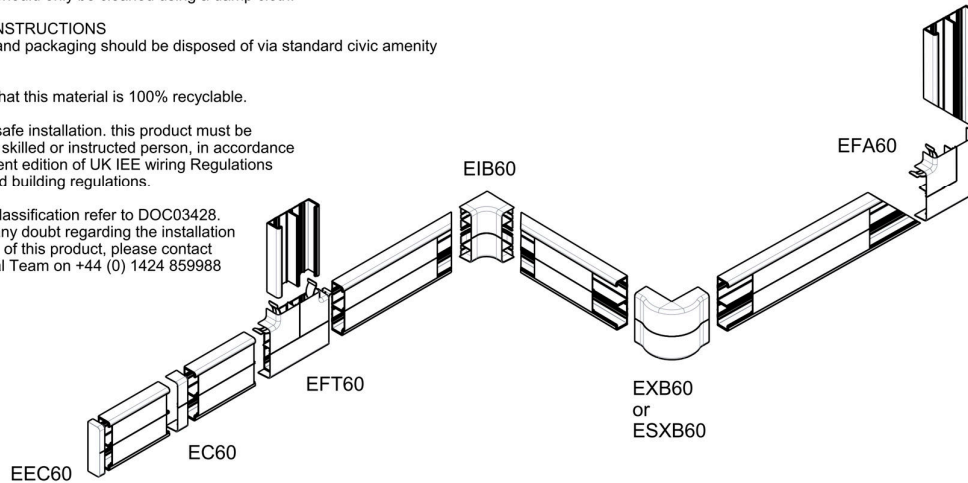
#### DISPOSAL INSTRUCTIONS

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

Please note that this material is 100% recyclable.

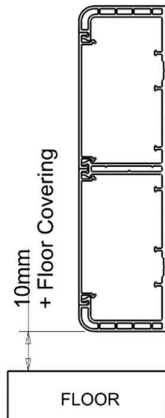
To ensure a safe installation, this product must be installed by a skilled or instructed person, in accordance with the current edition of UK IEE wiring Regulations (BS 7671) and building regulations.

For product classification refer to DOC03428. If you are in any doubt regarding the installation or application of this product, please contact The Technical Team on +44 (0) 1424 859988



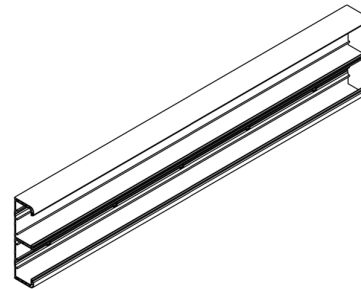
#### [1] When fitting trunking be mindful of:

When used as skirting system or run against a vertical wall, sufficient clearance must be allowed for between the floor covering or wall and the profile fittings that clip over the covers (End Cap, Coupler, Flat Angle, Flat Tee, Internal & External Bends)



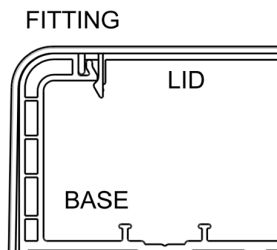
#### [2] Fitting of trunking

To fasten the base use No.8 round head screws & washers, **avoid over tightening** to permit thermal movement. Alternatively, top and bottom fixings at 200mm centres using pre-punched slots. Use of plastic caps over screw heads is recommended to protect cables.



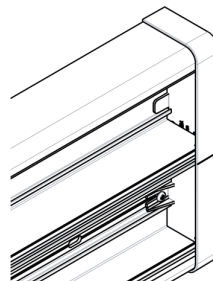
#### [3] Retention of Fittings

All fittings clip into the trunking base with exception of the End Caps. No additional fastening device is necessary. All are provided with a generous 10mm overlap at joints, to accommodate thermal expansion and to compensate for errors in cutting



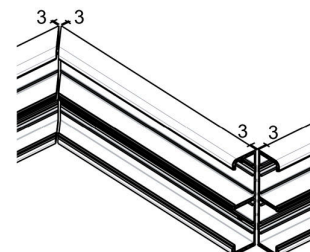
#### [4] Secured End Caps

End Caps butt up to the end of the base. No. 8 round head Fixing screws are recommended for the retention of the end cap.

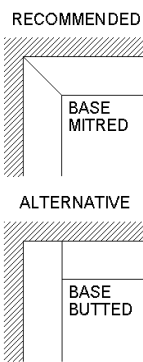
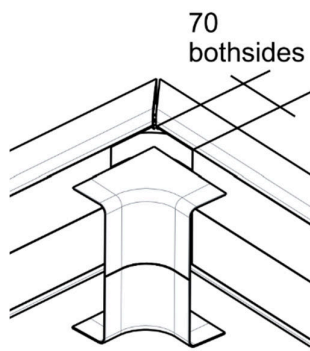


#### [5] Internal & External Bends

Base to be mitred 45° to ensure total enclosure of cables or for external bends base can be cut square to wall. Allow a 3mm gap due to thermal expansion.

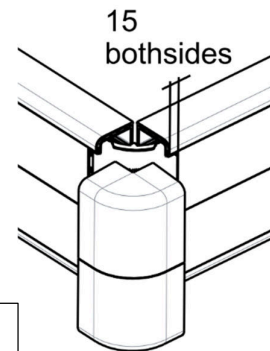
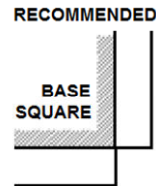
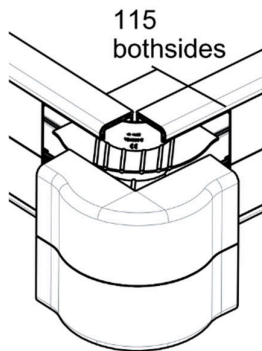


### [6] Internal Bends



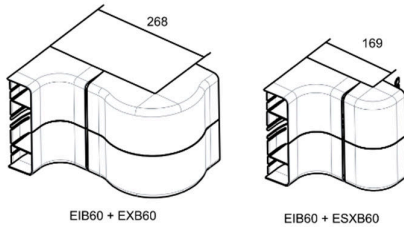
After fixing base to corner, fit radius control then covers with offset as shown then clip Internal bend in place.

### [7] External Bends



After fixing base to corner, fit radius control then covers with offset as shown then clip External bend in place.

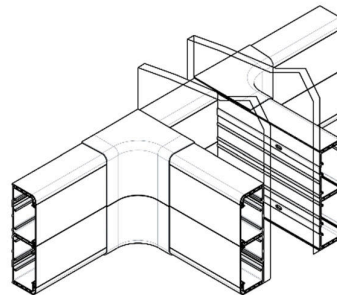
### [8] Offset Dimensions



The minimum set that can be accommodated in the same plane (from Internal to External bend).

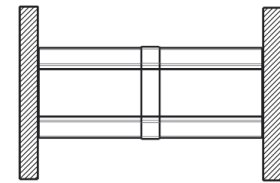
### [10] Method of Continuation Through a Partition Wall

Continue the main lateral run of base through the partition with short lengths of cover fitted where the trunking passes through the partition. The partition wall trunking is then butted up to the main run and the joint covered by an internal bend.



### [11] Short Length

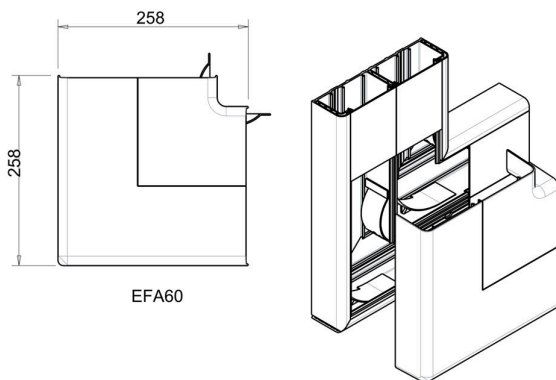
To fit a single length of trunking (under 3 metres) between two inside walls and with no accessory box fitted; it is advisable to install a coupler in the centre of the run to facilitate the removal of the cover.



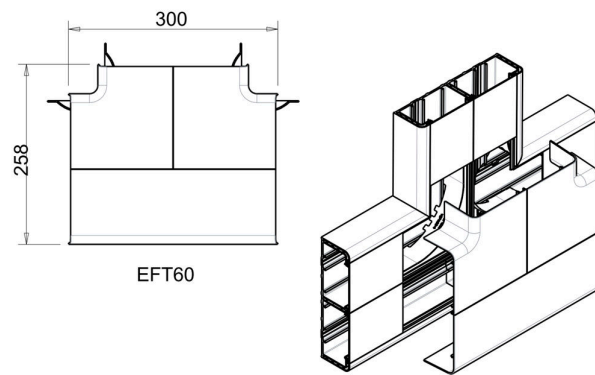
### [9] Cover removal

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

### [12] Flat Angle and Flat Tee



Flat Angle to be assembled as shown in illustration, Fit radius controls before covers, ensure that the lids are recessed enough to allow mouldings to clip to base of the trunking ensuring a good tight fitment.



Flat Tee to be assembled as shown in illustration, Fit radius controls before covers, ensure that the lids are recessed enough to allow mouldings to clip to base of the trunking ensuring a good tight fitment.