

# MARSHALL-TUFFLEX

## Sterling Compact Trunking System



UK OWNED  
UK MANUFACTURER



## INSTALLATION INSTRUCTIONS

### PLANNING INSTALLATION

Establish layout, paying attention to; direction of changes, Feed position & 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

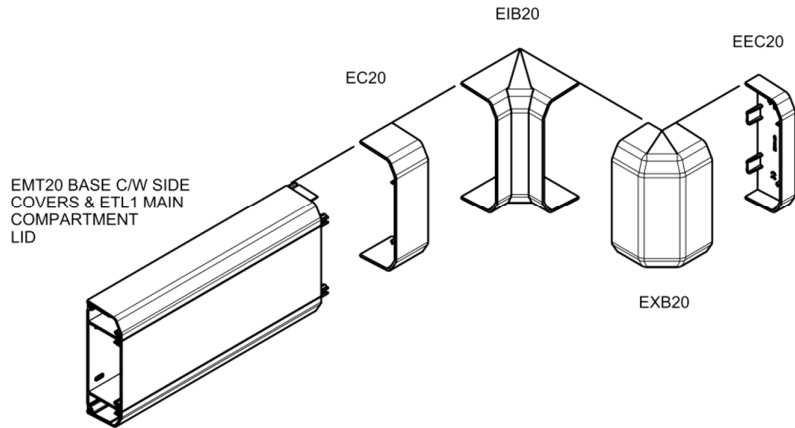
The exterior should be cleaned using a damp cloth.

### DISPOSAL

The product and packaging should be disposed of via standard civic amenity facilities. Note, Marshall-Tufflex PVC-U products are 100% recyclable.

In accordance with current IET wiring regulations BS 7671, assembly and connection is to be carried out by a qualified electrician or other competent person. In addition, when installing electrical products, personal protective equipment must meet the current version of the Personal Protective Equipment at Work Regulations.

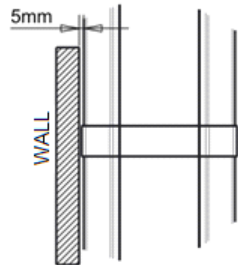
For product classification refer to DOC002386 If you are in any doubt regarding the installation or application of this product, please contact: The Technical Team on +44 (0) 1424 856688



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

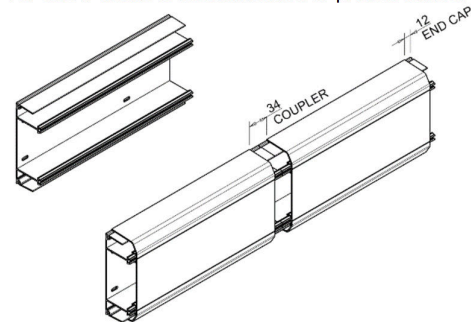
When used as a skirting system or run against a vertical wall, enough clearance must be allowed between the floor covering or wall and the profile fittings that clip over the covers (End Cap, Coupler, Flat Angle and Flat Tee).

Recommended  
Not Suitable for  
Skirting  
Applications



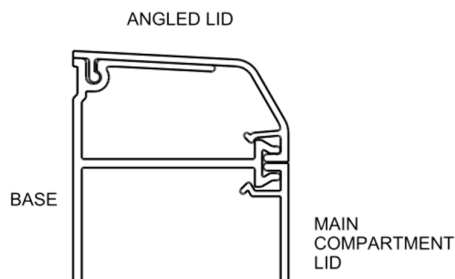
### [2] Fitting of trunking

To fasten the base use No.8 round head screws & washers, **avoid over tightening** to permit thermal movement. Alternatively, top and bottom fixings at 250mm centres using pre-punched slots. Use of plastic caps over screw heads is recommended to protect cables.



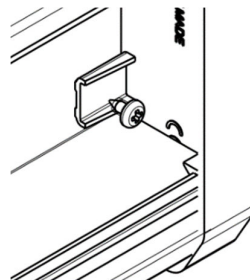
### [3] Retention of Fittings

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



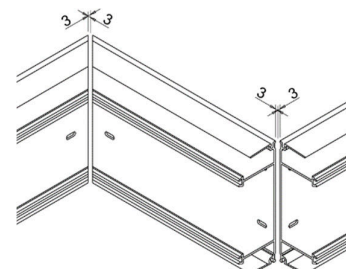
### [4] Secured End Caps

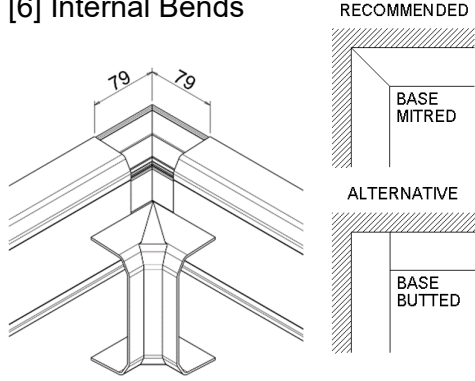
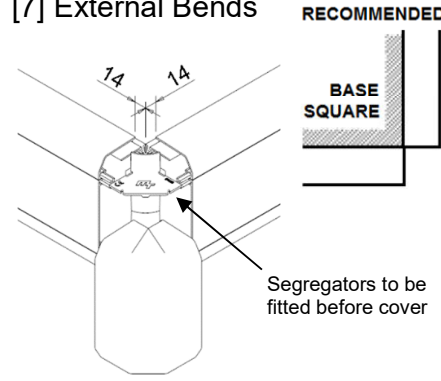
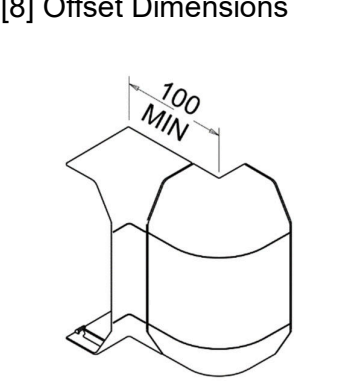
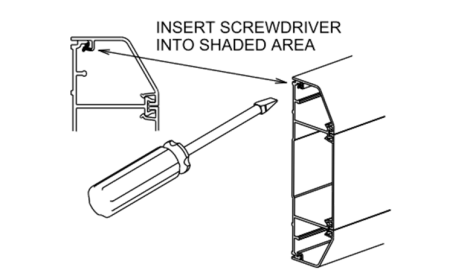
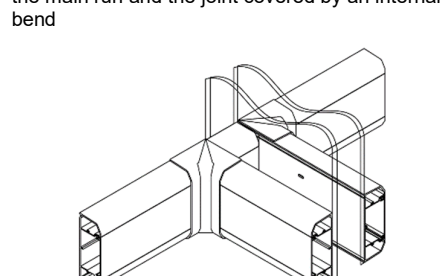
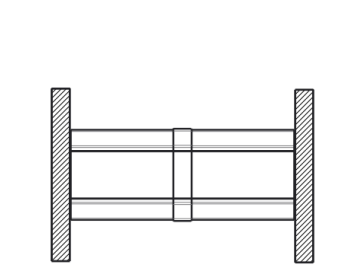
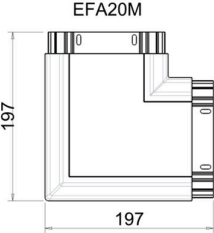
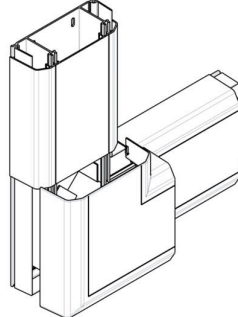
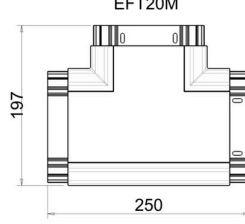
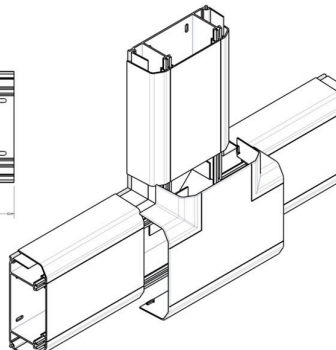
End Caps butt up to the end of the base. No. 8 round head Fixing screws are recommended for the retention of the end cap.



### [5] Internal & External Bends

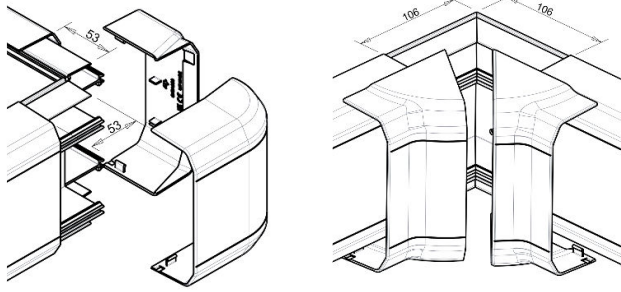
Base to be mitred 45° to ensure total enclosure of cables or for external bends base can be cut square to wall. Allow a 3mm gap due to thermal expansion.



<p><b>[6] Internal Bends</b></p>  <p>After fixing base to corner, fit covers with offset as shown then clip Internal bend in place.</p>	<p><b>[7] External Bends</b></p>  <p>After fixing base to corner, fit covers with offset as shown then clip External bend in place. Fitting is supplied with self adhesive tape, if not used IP4X rating is not guaranteed.</p>	<p><b>[8] Offset Dimensions</b></p>  <p>The minimum set that can be accommodated in the same plane (from Internal to External bend).</p>
<p><b>[9] Cover removal</b></p> <p>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.</p> 	<p><b>[10] Method of Continuation Through a Partition Wall</b></p> <p>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</p> 	<p><b>[11] Short Length</b></p> <p>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</p> 
<p><b>[12] Flat Angle and Flat Tee</b></p> <div style="display: flex; justify-content: space-around;"> <div data-bbox="178 1197 714 1533"> <p><b>EFA20M</b></p>   </div> <div data-bbox="828 1176 1412 1533"> <p><b>EFT20M</b></p>   </div> </div> <p>Flat Angle to be assembled as shown in illustration, ensuring that the lids on mating trunking lengths extend beyond base by 35mm to engage with base of fitting and sit 10mm under cover when fitted.</p> <p>Flat Tee to be assembled as shown in illustration, ensuring that the lids on mating trunking lengths extend beyond base by 35mm to engage with base of fitting and sit 10mm under cover when fitted.</p>		

### [13] Adjustable Bends

Adjustable bends (internal and external) can be used where walls are not perfectly square. Bends are designed to fit corners that are between 85 – 95°, to fit (External Bend) butt trunking up to corner and fit lids allowing 53mm gap from end of trunking to lids, clip covers in place with shortest cover first.



To fit (Internal Bend) mitre trunking base and fit lids allowing 106mm gap from end of trunking to lids, clip covers in place.