

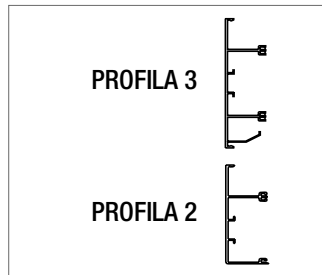
# PROFILA 2 & PROFILA 3

## INSTALLATION INSTRUCTIONS

### Installation

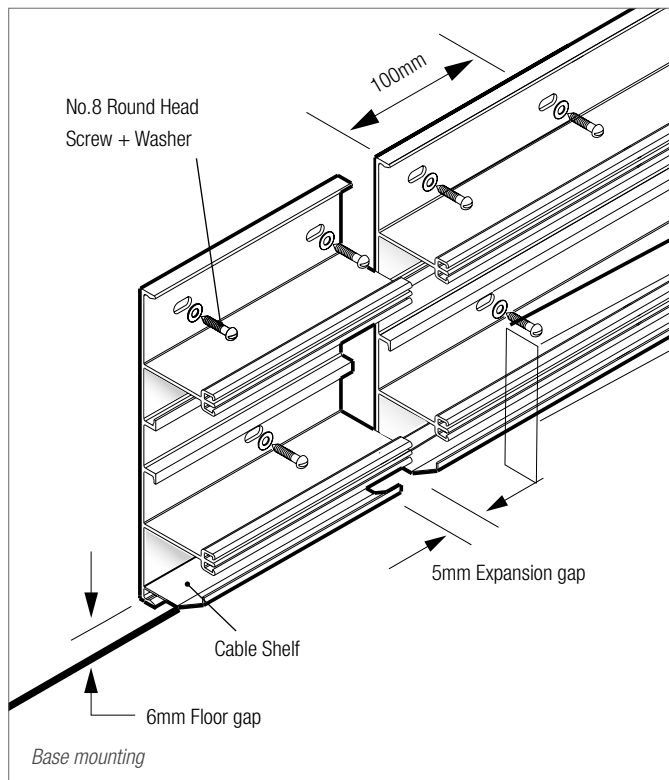


To ensure a safe installation, this product must be installed and maintained by a competent person in accordance with requirements of the 16th Edition of the IEE Wiring Regulations (BS 7671).



#### Base Mounting

The PROFILA 3 and PROFILA 2 bases are supplied with pre-punched fixing slots. These are 6.5 x 12mm and conveniently spaced every 100mm.



Use of No.10 round head screws and washers, or hammer wall fixings is recommended.

Over tightening of fixings must be avoided to prevent damage to the base and allow for thermal expansion.

Leave a 5mm gap between lengths of base to allow for thermal expansion.

When using the integral cable shelf, the base must be mounted with the shelf at the bottom.

### Installation at skirting level



When installing cable management at skirting level ensure at least 6mm gap for fitting of floor covering.

Additionally, the location of sockets must be carefully considered. Generally it is not acceptable to install sockets into a compartment which is directly adjacent to the floor as the cable bending radius will prevent plugs being fitted. This applies to PROFILA 3 Sets E and F and PROFILA 2.

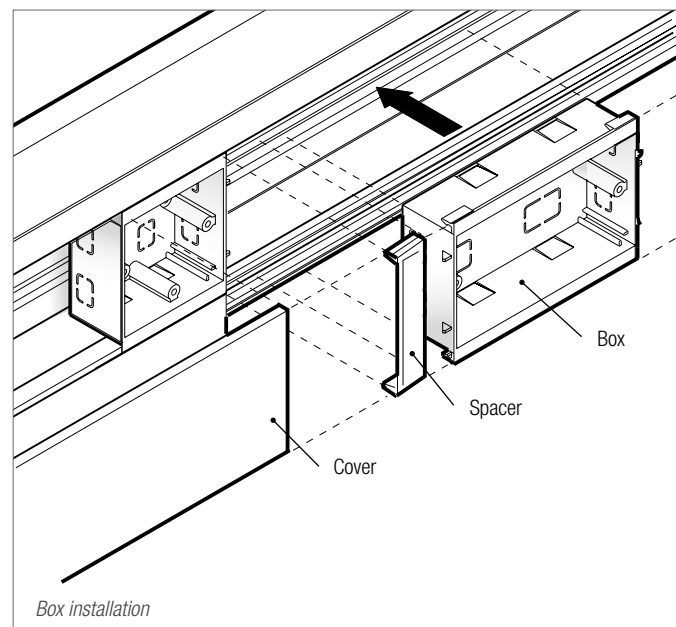
#### Use of Extension Piece

Extension pieces may be fitted to either side of the PROFILA 3 base or top of PROFILA 2 to increase cable capacity.

The integral cable shelf on PROFILA 3 can easily be removed by snapping off along the notch provided.

#### Accessory Box Installation

Accessory boxes clip directly into the base, and should be located before fitting covers.



Cover profiles overlap lugs on the accessory boxes, and the joint line is concealed by the accessory faceplate.

Cover spacers should be used where boxes are positioned adjacent to each other.

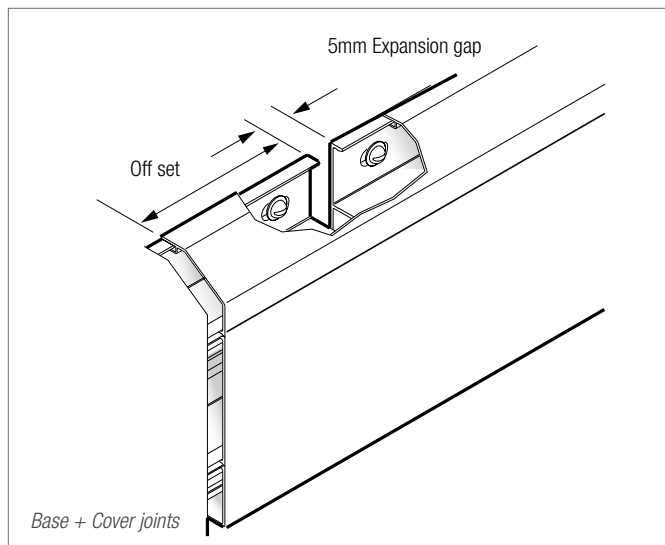
### Cover Fitting and Removal

PROFILA 3 covers are intended to clip into the base and provide a high degree of security and protection to the cabling inside.

The covers are designed to be removed by gripping the cover close to one of the clips, and peeling perpendicular to the plane of the wall. This is repeated for the other clip, before peeling along the cover length. Covers should always be fitted, and removed by working from an end.



The integrity of an installation is increased when the base and cover joints are offset. Protective foils should only be removed on completion of the installation.

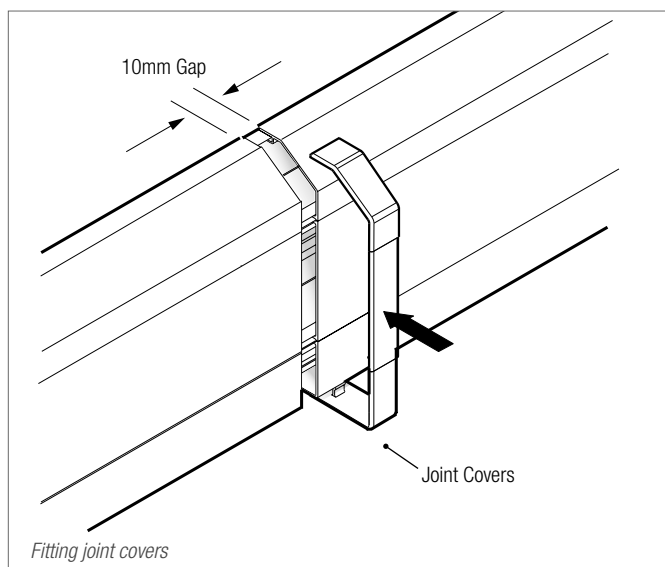


### Fitting Moulded Accessories

Joint covers / End caps / Column set (Internal / External corners).

All moulded accessories mount directly on to the trunking base.

A gap of 10mm should be left between cover lengths to allow fitting of joint covers.

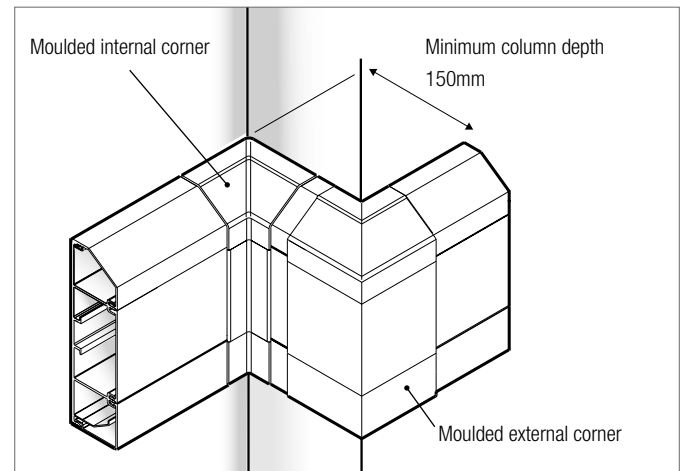


The appearance of a joint is improved if the joint covers are vertically aligned.

Moulded accessories provide a 6mm overlap with the covers to allow for variations in cutting.



Use of Standard mouldings is only possible with columns greater than 150mm deep x 60mm width.



### Prefabricated Fittings

Pre-fabricated Tee pieces and flat angles are available.

Their use is recommended where moulded accessories are not used. They ensure continuity of cable segregation, and allow offsetting of base / cover joints.



Joint covers are not supplied with fabricated fittings.

Pre-fabricated column sets are available to special order.

### Bridge Piece

A bridge piece should be used where it is necessary to cross the main compartment and maintain cable segregation.

10mm diameter holes should be drilled in the compartment sidewalls to allow feeding of cables.

### RCD Housing

RCD's can be mounted in the main compartment using a RCD housing set.

Sets comprise a pre-fabricated housing section, and a RCD mounting bracket.

### Cable Retainers

Cable retainers are available for main and top compartments.

The top retainer is fixed using a self-adhesive pad.

Both types allow cables to be easily added and removed.

## **General Notes**

Before removing covers or undertaking any maintenance to a trunking installation, the mains electricity supply **MUST** be turned OFF.

When installing a single length between two walls it is advisable to locate a joint in the centre to allow easier access to cabling.

Cutting of base and covers should be undertaken with a fine toothed saw and finished with sharp knife.

For cleaning use Standard PVC cleaner. Abrasive materials must not be used as these will damage the surface finish.