

Skirting board duct **80**  
in **U23X**

# Skirting board duct **80** in **U23X**

For distribution of power and data services and mounting of outlets through skirting boards in housing and buildings

- Allows you to lay out all services in housing and public buildings by taking the place of a conventional skirting board.
- Compact and plain trunking, with adjusted sizes, to perfectly merge into the surroundings.

## Raw material

- U23X** Skirting board duct
- U24X** Fittings and adapters

Compliant 

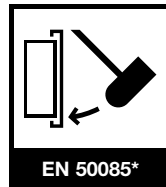
### Safety

#### Electrical



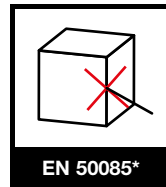
- Insulating material
- No earthing required

#### Mechanical



- **IK07**

#### Protection degree



- **IP4X**, mounted on the wall

#### In front of fire



- Glow-wire test at **960 °C**
- Non-flame propagator
- Reaction to fire, Class **M1** acc./ UNE 23727 and NFP 92507

### Quality marks



ID.140596

### Approvals



FZ 123-FZ



Bureau Veritas

### Conformity declaration



Skirting board duct **80** ►

Length: 2 m

Aluminium colour RAL 9006

White RAL 9010

See updated information of each part number on [www.unex.net](http://www.unex.net)

\* BS EN 50085-2-1 is the UK implementation of EN 50085-2-1

◀ ■ Aluminium colour RAL 9006



## Skirting board duct 80: a smart alternative to conventional skirting boards

The skirting board duct optimises the space dedicated to conventional decorative skirting boards by accommodating cables and feeding switches and sockets. It doesn't involve additional constructive elements.





## 4 compartments for all services

The Skirting board duct 80 allows you a simultaneous lay out of all necessary wiring.



The system permits compliance with functional and safety requirements defined by the applicable regulations.



## Integration in the environment

Its neutral colour (able to be painted like the wall or the floor) and its smoothed design, confer the appearance of a standard skirting board.



# Free choice and composition of switches and sockets

## Adapters for the most common switches and sockets

Switches and sockets are mounted outside the trunking by means of matching adapters.



Simon\* 73 Loft



Simon\* 73 Loft



Universal CEE-7



Universal CEE-7



Mosaic\*



Simon\* 27



Oteo\*



# Neat finishing



Complete system of fittings providing electrical safety (IP4X degree) and an attractive finish.  
**Available in white RAL 9010 and aluminium colour RAL 9006.**



External angle



Internal angle



Coupler



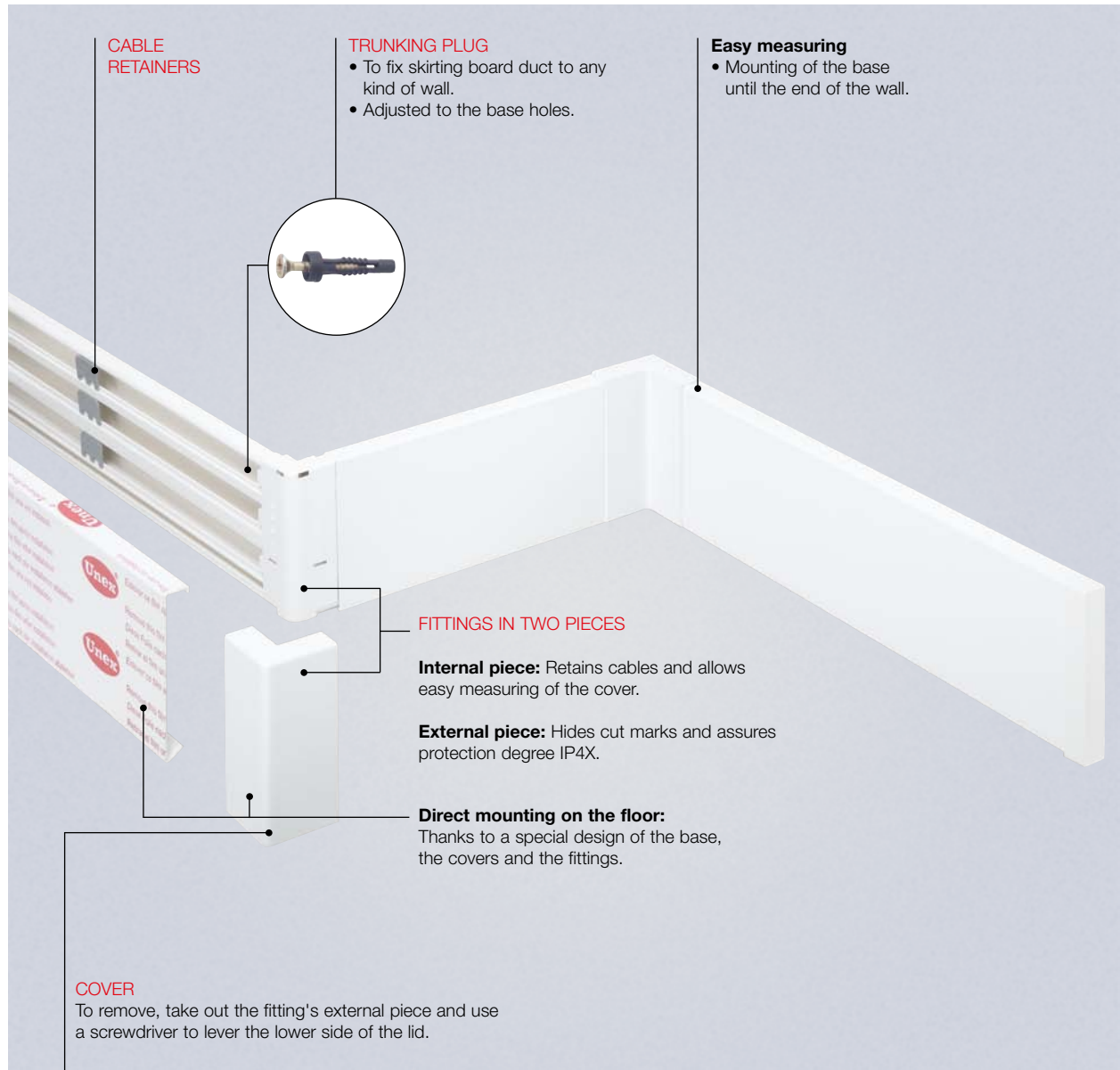
End cover



Mini trunking branching

# Easy mounting

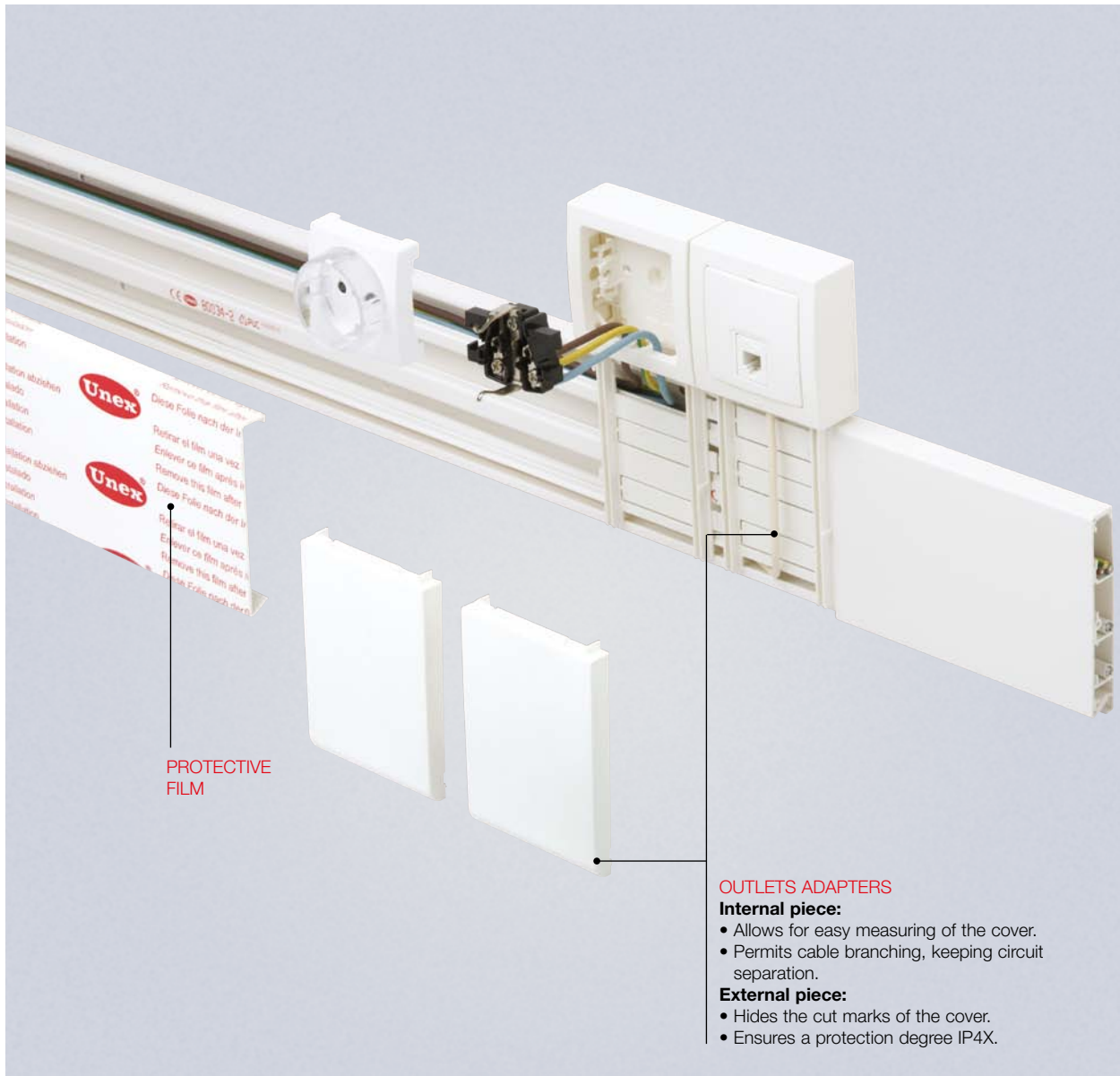
## Skirting board duct and fittings



No power cables are to be installed in the lower compartment, thus ensuring safety distance from the floor (1,5 cm).

**Protection of the junction between wall and floor**

## Switches and sockets



PROTECTIVE  
FILM

### OUTLETS ADAPTERS














#### Internal piece:


- Allows for easy measuring of the cover.
- Permits cable branching, keeping circuit separation.

#### External piece:

- Hides the cut marks of the cover.
- Ensures a protection degree IP4X.

# Skirting board duct in U23X white

|  |   |   |         |
|--|---|---|---------|
| Skirting board duct 80                                     |   | Skirting board duct sizes (mm)  | 16x100  |
| White RAL 9010 (Part no. 80xxx-2) <input type="checkbox"/> |   |  |         |
| 1  |    | Skirting board duct<br>2 m  | 80034-2 |
| <b>Fittings in U24X</b>                                    |   |   |         |
| 2  |    | External angle  | 80284-2 |
| 3  |    | Internal angle  | 80334-2 |
| 4  |  | End cover   | 80384-2 |
| 5  |  | Coupler   | 80534-2 |
| 6  |  | Branch to mini trunking   | 80434-2 |
| <b>Fixing elements in U63X</b>                             |   |   |         |
| 7  |  | Trunking plug<br>Note: Use bit Ø 4 mm.  | 25104   |
| <b>Adaptation of switches and sockets in U24X</b>          |   |   |         |
| 8  |  | Adapter for 1 outlet<br>Simon* 73 Loft  | 80882-2 |
| 9  |  | Adapter for 1 universal (CEE)<br>outlet   | 80700-2 |
| 10   |  | Adapter for 1 outlet Simon* 27  | 80704-2 |
| 11   |  | Adapter for 1 outlet Mosaic*  | 80702-2 |
| 12   |  | Adapter for 1 outlet Oteo*  | 80880-2 |

See next page 

# Skirting board duct in **U23X** colour aluminium

| Skirting board duct <b>80</b>  |  | Skirting board duct sizes (mm) | 16x100 |
|--|--|--------------------------------|--------|
| <p>Aluminium colour RAL 9006 <input type="checkbox"/></p> <p>(Part no. 80xxx-03)</p> |  |                                |        |
| 1  | <p><b>Skirting board duct</b><br/>2 m</p>              | <p><b>80034-03</b></p>         |        |
| <p><b>Fittings in U24X</b></p>   |  |                                |        |
| 2  | <p><b>External angle</b></p>                           | <p><b>80284-03</b></p>         |        |
| 3  | <p><b>Internal angle</b></p>                           | <p><b>80334-03</b></p>         |        |
| 4  | <p><b>End cover</b></p>                                | <p><b>80384-03</b></p>         |        |
| 5  | <p><b>Coupler</b></p>                                  | <p><b>80534-03</b></p>         |        |
| 6  | <p><b>Branch to mini trunking</b></p>                  | <p><b>80434-03</b></p>         |        |
| <p><b>Fixing elements in U63X</b></p>  |  |                                |        |
| 7  | <p><b>Trunking plug</b><br/>Note: Use bit Ø 4 mm.</p>  | <p><b>25104</b></p>            |        |
| <p><b>Adaptation of switches and sockets in U24X</b></p>                             |  |                                |        |
| 8  | <p><b>Adapter for 1 outlet</b><br/>Simon* 73 Loft</p>  | <p><b>80882-03</b></p>         |        |
| 9  | <p><b>Adapter for 1 universal (CEE)</b><br/>outlet</p> | <p><b>80700-03</b></p>         |        |
| 12   | <p><b>Adapter for 1 outlet Oteo*</b></p>               | <p><b>80880-03</b></p>         |        |

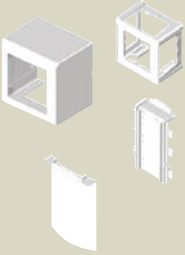
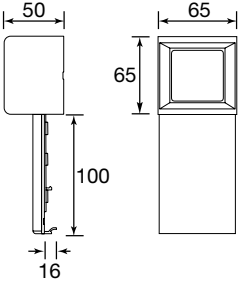

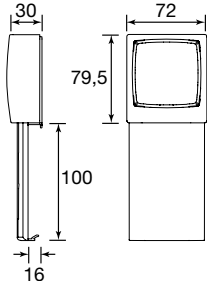
# Sizes (mm)

|                               |  |  |  |                                  |
|-------------------------------|--|--|--|----------------------------------|
| <b>1. Skirting board duct</b> |  |  | <b>Part no.</b><br><b>Colours</b><br>White      Aluminium<br>80034-2      80034-03 | <b>Pack</b><br><br>m<br>24<br>12 |
| <b>2. External angle</b>      |  |  | <b>Part no.</b><br><b>Colours</b><br>White      Aluminium<br>80284-2      80284-03 | <b>Pack</b><br><br>pc.<br>6      |
| <b>3. Internal angle</b>      |  |  | <b>Part no.</b><br><b>Colours</b><br>White      Aluminium<br>80334-2      80334-03 | <b>Pack</b><br><br>pc.<br>6      |
| <b>4. End cover</b>           |  |  | <b>Part no.</b><br><b>Colours</b><br>White      Aluminium<br>80384-2      80384-03 | <b>Pack</b><br><br>pc.<br>6      |
| <b>5. Coupler</b>             |  |  | <b>Part no.</b><br><b>Colours</b><br>White      Aluminium<br>80534-2      80534-03 | <b>Pack</b><br><br>pc.<br>6      |

Note: Perforated base every 200 mm. Cable retainers included.

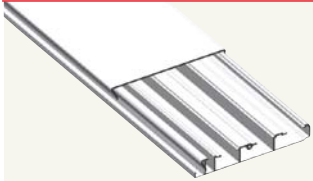
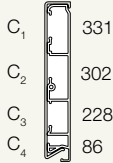
Note: 1 screw included.

|  |  |                              |  |   |  |                         |  |
|--|--|------------------------------|--|---|--|-------------------------|--|
| <b>6. Branch to mini trunking</b>          |  | <b>Part no.</b>              |  | <b>Mini trunking application</b>  |  | <b>Pack</b>             |  |
|  |  |                              |  | <b>Colours</b><br>White      Aluminium  |  | <b>pc.</b>              |  |
|  |  | 80434-2      80434-03        |  | 78010-2      78021-2<br>78022-2      78023-2<br>78031-2      78033-2<br>78073-2      78083-2<br>78085-2      78031-04<br>78010-2A<br>78021-2A<br>78022-2A<br>78031-2A |  | 6                       |  |
|  |  |                              |  | <b>Material: U24X</b>   |  |                         |  |
|  |  | Note: 1 screw included.      |  |   |  |                         |  |
| <b>7. Trunking plug</b>                    |  | <b>Part no.</b>              |  | <b>Sizes mm</b>   |  | <b>Diameter plug mm</b> |  |
|  |  |                              |  | A   |  | mm                      |  |
|  |  | 25104                        |  | 21  |  | 4                       |  |
|  |  |                              |  |   |  | 1.000                   |  |
|  |  |                              |  | <b>Colour: Black</b>  |  | <b>Material: U63X</b>   |  |
|  |  |                              |  | Note: Use drill bit Ø 4 mm.   |  |                         |  |
|  |  |                              |  | Indoor use.   |  |                         |  |
| <b>8. Adapter 1 outlet Simon* 73 Loft</b>  |  | <b>Part no.</b>              |  | <b>Colours</b>  |  | <b>Pack</b>             |  |
|  |  |                              |  | White      Aluminium  |  | <b>pc.</b>              |  |
|  |  | 80882-2      80882-03        |  |   |  | 12                      |  |
|  |  |                              |  |   |  | <b>Material: U24X</b>   |  |
| <b>9. Adapter 1 universal (CEE) outlet</b> |  | <b>Part no.</b>              |  | <b>Colours</b>  |  | <b>Pack</b>             |  |
|  |  |                              |  | White      Aluminium  |  | <b>pc.</b>              |  |
|  |  | 80700-2      80700-03        |  |   |  | 12                      |  |
|  |  |                              |  |   |  | <b>Material: U24X</b>   |  |
|  |  | Note: 2 screws are included. |  |   |  |                         |  |
| <b>10. Adapter 1 outlet Simon* 27</b>      |  | <b>Part no.</b>              |  | <b>Colours</b>  |  | <b>Pack</b>             |  |
|  |  |                              |  | White   |  | <b>pc.</b>              |  |
|  |  | 80704-2                      |  |   |  | 12                      |  |
|  |  |                              |  | <b>Colour: White RAL 9010</b>   |  | <b>Material: U24X</b>   |  |

| 11. Adapter 1 outlet Mosaic*  |   | Part no.  | Pack     |
|---|---|---|----------|
|  |  | 80702-2   | 12       |
|   |   | Colour: White RAL 9010 <span style="float: right;">Material: U24X</span><br>Nota: Admits 1 switch and socket of 2 modules (44x44) and data connectors compatible with Mosaic*. Compatible with Simon Connect type K 45. |          |
| 12. Adapter 1 outlet Oteo*  |   | Part no.  | Pack     |
|  |  | Colours<br>White <span style="margin-left: 100px;">Aluminium</span>   |          |
|   |   | 80880-2   | 80880-03 |
|   |   | Material: U24X  |          |

## Useful cross-sections (mm<sup>2</sup>)

Recommended capacity with conductors H07V-K

|   |                            |   |    |    |    |     |
|---|----------------------------|---|----|----|----|-----|
| Sizes (mm)  |                            | 16x100  |    |    |    |     |
| Part numbers  |                            | 80034-2<br>80034-03   |    |    |    |     |
|  |                            |  |    |    |    |     |
| Compartments  |                            |   |    |    |    |     |
|   | Types of cables            | Ø mm  | C1 | C2 | C3 | C4* |
| Power   | H07V-K 1,5 mm <sup>2</sup> | 3,5   | 14 | 13 | 10 | -   |
|   | H07V-K 2,5 mm <sup>2</sup> | 4,2   | 9  | 8  | 6  | -   |
|   | H07V-K 4 mm <sup>2</sup>   | 4,8   | 7  | 7  | 5  | -   |
|   | H07V-K 6 mm <sup>2</sup>   | 6,3   | 4  | 4  | 3  | -   |
| TV  | Coaxial 75 Ohm             | 7,0   | 4  | 4  | 3  | 0   |
| Telephone   | 1 pair EV 0,51 mm          | 3,7   | 13 | 12 | 9  | 3   |
|   | 2 pairs EV 0,51 mm         | 4,0   | 11 | 10 | 8  | 3   |

\* To comply with regulations, no power cables are to be installed in the lower compartment, thus ensuring safety distance from the floor (1,5 mm).



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