



Cable conduction  
system with possibility  
of mounting switches  
and sockets

# Skirting board duct 80

raw material

**U23X**

colour

Aluminium

White

## 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.
- **Can be painted.**

### Raw material



Skirting board duct

Fittings and adapters

Compliant



### Technical characteristics

Electrical	Mechanical	Protection degree	In front of fire
<b>EN 50085-2-1*</b>	<b>EN 50085-2-1*</b>	<b>EN 50085-2-1*</b>	
Insulating material. No earthing required.	IK07.	IP4X, mounted on the wall.	Glow-wire test at 960°C. Non flame propagating. Reaction to fire, Class M1 acc./UNE 201010.

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



Length

**2 m**

Colour

**Aluminium**

**RAL 9006**

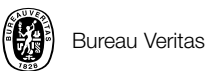
**White**

**RAL 9010**

## Quality marks



## Approvals



Φ3 от 22.07.08 N 123-Φ3  
ГОСТ P 53313-2009

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

## Conformity declaration





Work spaces: office



Health care: waiting room



Apartment building renovation



Apartment building renovation



Public housing

# 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 from the different spaces in the building, commercial premises, hotels, and small offices.

## Residential building

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The installation of the Skirting board duct 80 is surface-mounted, it is not an additional constructive element. Also, it simplifies the execution of the installations, allowing the modification and extension of the services according to the user's needs.

## Office building

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## Integration in the environment

The Skirting board duct 80 achieves homogeneous finishings, with no visible junction lines between base and cover. It can be combined with any type of floor.





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

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



- Power
- Twisted pairs
- Coaxial cables
- RTV

## Recommended capacity

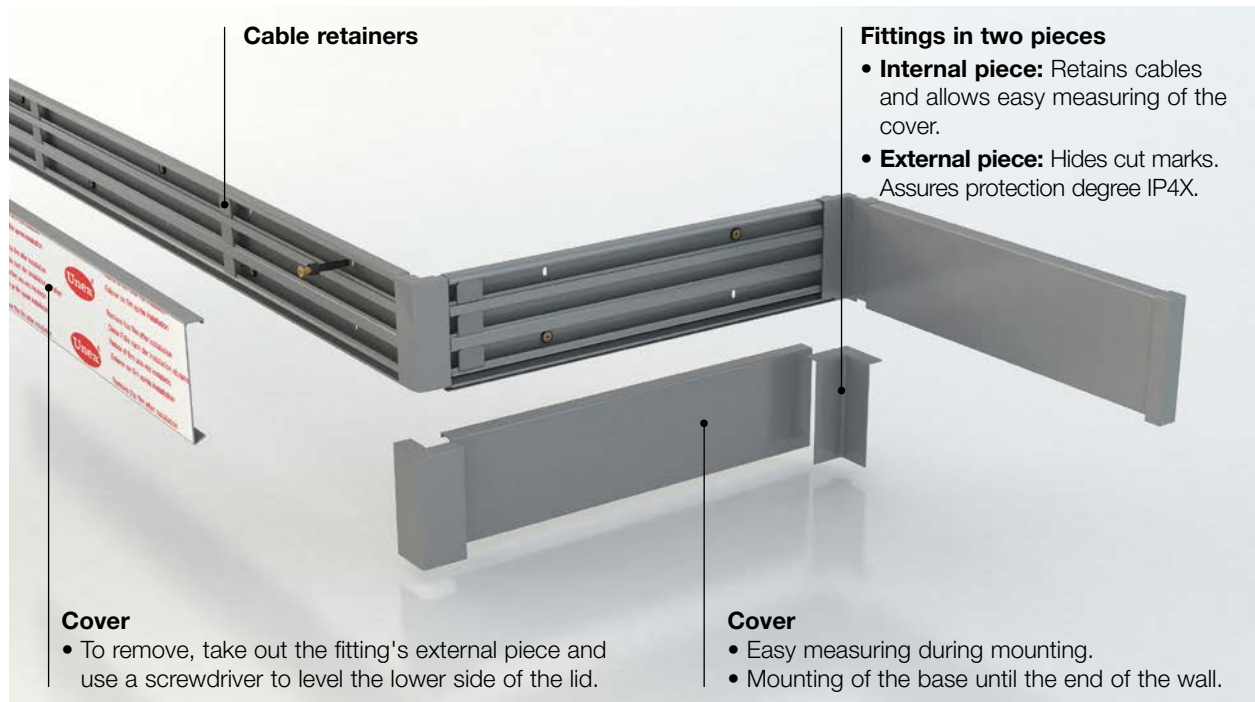
Types of cables		Ø (mm)	Skirting board duct 80 C1 (mm <sup>2</sup> )	Skirting board duct 80 C2 (mm <sup>2</sup> )	Skirting board duct 80 C3 (mm <sup>2</sup> )	Skirting board duct 80 C4 (mm <sup>2</sup> )
			331	302	228	86
Power	H07V-K 1.5 mm <sup>2</sup>	3.5	14	13	10	
	H07V-K 2.5 mm <sup>2</sup>	4.2	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	
Twisted pairs	U/UTP 4P (Cat 6)	5.4	6	5	4	1
	F/UTP 4P (Cat 6)	6.6	4	3	2	1
	F/FTP 4P (Cat 6)	7.6	3	2	2	0
	U/UTP 4P (Cat 6A)	8.5	2	2	1	0
Coaxial cable, RTV	RG-6	7.0	3	3	2	0
	RG-11	7.0	3	3	2	0
	RG-59	7.0	3	3	2	0

Twisted pairs      Coefficient = 1.82

Coaxial cable      Coefficient = 2

To comply with the regulations, no power cables are to be installed in the lower compartment, thus ensuring safety distance from the floor, 1.5 cm.

## Mounting profile and fittings



Floor-standing mounting due to the design of the profile, the covers and finishing elements.



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



External angle



Internal angle



Coupler



End cover

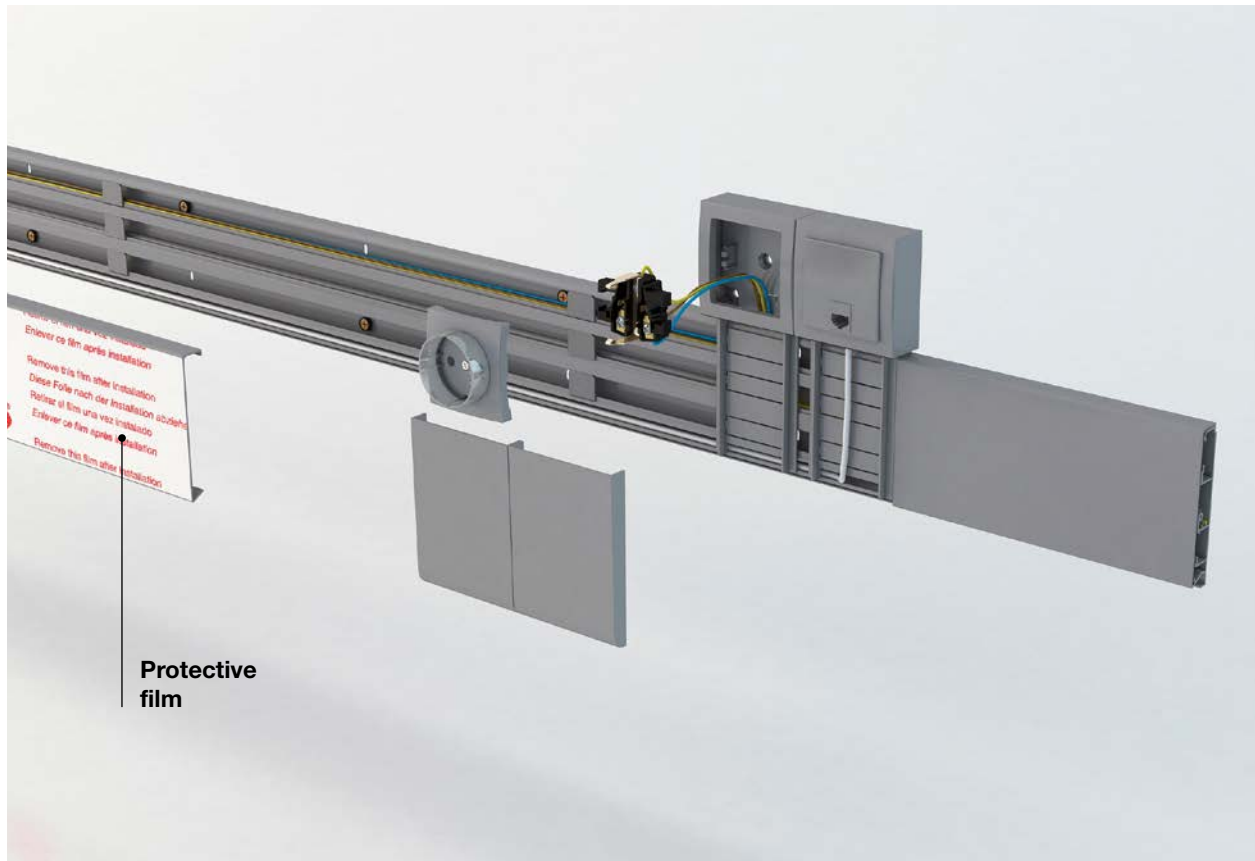


Mini trunking branching

# Easy mounting

## Switches and sockets

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## Adapters of switches and sockets:

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### Internal piece:

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



# Free choice and combination of switches and sockets

## Adapters for the most common switches and sockets

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



Universal CEE-7



Universal CEE-7



Simon\* 73 Loft outlet



Simon\* 73 Loft outlet



Oteo\* outlet



Oteo\* outlet



Mosaic\* outlet



Simon\* 27 outlet

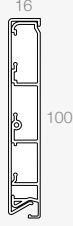
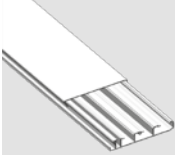
\*These brands belong to third parties; they are not related to Unex aparellaje eléctrico, S.L.

# 80 **U23X**






## Skirting board duct

Skirting board duct sizes (mm)

16x100

	<p>White RAL 9010 (Part no. 80xxx-2)</p>	
	<p><b>Skirting board duct</b> 2 m</p>	<p><b>80034-2</b></p>





### Fittings in **U24X**

	<p><b>External angle</b></p>	<p><b>80284-2</b></p>
	<p><b>Internal angle</b></p>	<p><b>80334-2</b></p>
	<p><b>End cover</b></p>	<p><b>80384-2</b></p>
	<p><b>Joint cover piece</b></p>	<p><b>80534-2</b></p>
	<p><b>Branch to mini trunking</b></p>	<p><b>80434-2</b></p>


### Fixing elements in **U63X**

	<p><b>Trunking plug</b> Note: Use bit Ø4 mm.</p>	<p><b>25104</b></p>
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### Adaptation of switches and sockets in **U24X**

	<p><b>Adapter for 1 Universal (CEE) outlet</b></p>	<p><b>80700-2</b></p>
	<p><b>Adapter for 1 outlet Simon* 73 Loft</b></p>	<p><b>80882-2</b></p>
	<p><b>Adapter for 1 outlet Simon* 27</b></p>	<p><b>80704-2</b></p>
	<p><b>Adapter for 1 outlet Oteo*</b></p>	<p><b>80880-2</b></p>
	<p><b>Adapter for 1 outlet Mosaic*</b></p>	<p><b>80702-2</b></p>

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See next page 

Skirting board duct sizes (mm)

16x100

	<p>Aluminium RAL 9006 (Part no. 80xxx-03)</p>	
	<p><b>Skirting board duct</b> 2 m</p>	<p><b>80034-03</b></p>



Fittings in **U24X**

	<p><b>External angle</b></p>	<p><b>80284-03</b></p>
	<p><b>Internal angle</b></p>	<p><b>80334-03</b></p>
	<p><b>End cover</b></p>	<p><b>80384-03</b></p>
	<p><b>Joint cover piece</b></p>	<p><b>80534-03</b></p>
	<p><b>Branch to mini trunking</b></p>	<p><b>80434-03</b></p>

Fixing elements in **U63X**

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	<p><b>Adapter for 1 outlet Oteo*</b></p>	<p><b>80880-03</b></p>

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