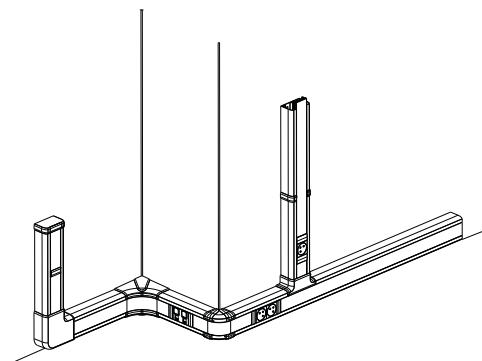# White antimicrobial flexible cover snap-on DLP trunking

Cat. no(s) : 0 105 80 - 0 756 09 - 0 757 00/02/04/05/07/09/10/
12/14/15/17/19 -
0 757 20/22/24/25/29/30/35/36

1. USE

Snap-on DLP trunking provides:
- the distribution, the protection and the junction of the various cables in an electrical installation.
- trunkings, finishing accessories (end, cover joint, body joint, internal & exxternal angle, flat angle, junction)
- all the easy ways/advantages for the installation.
- the compliance with the norm EN 50085-2-1, safety and technical performance.
- a flexibility with the installation and maintenance.

Direct snap-on of all the antimicrobial functions by associating the accessory of installation (soluclip).

Direct snap-on of the sockets for trunking Programs Mosaic and RJ45 with integrated accessory : optimal solution for the installation of the sockets into direct clipping trunking.

3 references of trunkings delivered with a cover of 45mm for clips of the equipment on all the range.

This trunking allows the universal direct snap-on of all the mechanisms 45x45 of the market.

Communication by color codes on packaging of the products.
- Label system on the packaging to facilitate the choice of the products.
- Flexible cover with double fixing, powerful, easy to install and which is integrated well with the angles for an irreproachable aesthetic completion.
- Clips and variability of the angles.
- Pre-drilling of the funds in the trunking with 2 & 3 compartments.

Note: products are identified by « + » sign graved or painted inside.

As an innovative system, the white antimicrobial snap-on trunking associated with the Mosaic antimicrobial functions propose optimal association for the realization of an electrical installation perfectly adapted to the needs of healthcare buildings.

-Targets: hospitals, medical centers, nurseries, schools…
-Installation places: Every places which can be easily contaminated (surgery blocks, emergency rooms, laboratories, pharmacy, …)
-Limit the development of bacteria nests especially in places with a low frequency cleaning (offices, nursery…).
-Perfect complement of sanitary protection instructions against hazardous bacteria (like Escherichia Coli and MRSA Staphyloccocus Aureus).

1. USE *(cont.)*

The IP40 is maintained everywhere thanks to the quality of the trunking and the accessories and reinforce antimicrobial effect by limiting the access to the bacteria inside the trunking.

The installer doesn't have to deal with the quality of the cut thanks to the Soluclip accessory which hides any defects.

Anti-pull function makes it possible to limit the interventions on site due to a damage coming from a bad maneuver of user.
Anti-slip function helps installers in order to avoid any inopportune displacement of the equipment in the various phases of the installation (poses, wiring, etc …).

This new range complies with international standard JIS Z2801.
Active substance used is the silver ions Ag+.

How does it work ?
When a bacteria is in contact with the surface of the product, the silver ion get out from the ceramic capsule. Within a ionic exchange with the sodium (or potassium) ion present inside negative gram bacteria, the migration of the silver ion to the bacteria weaknesses the membrane of the bacteria until it's broken.
Thus we have a physical destruction which avoids any antibiotical resistance.
Targeted bacteria:
- Staphylococcus Aureus
- Escherichia coli

Scheme of ceramic capsule with silver ion Ag+ inside.

Céramique

Ion Ag⁺
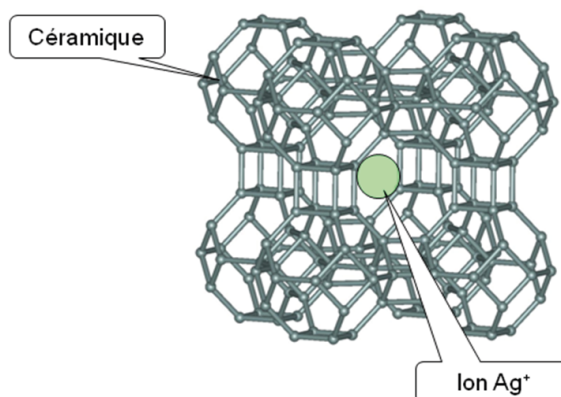
2. RANGE

■ 2.1 Snap-on trunking (body + cover)
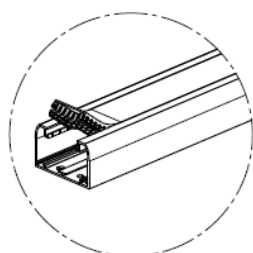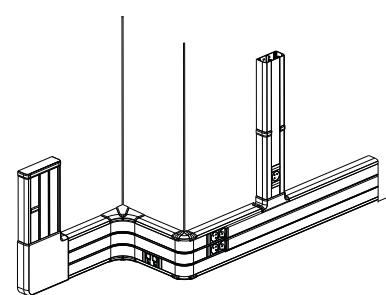
White color RAL 9003

Fixing by:
- wall plugs for immediate fixing (without screw nor nail ref. 0 308 99)
- DLP rapid wall plug ref 0 308 97 (for 10mm maxi plasterboard walls at least 20mm away from the concrete surface)
- screw, nails…

Cut out using a saw (standard hacksaw)

2.1.1 - 1 Compartment trunking
50 x 80 cat. no 0 757 00
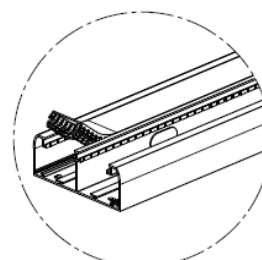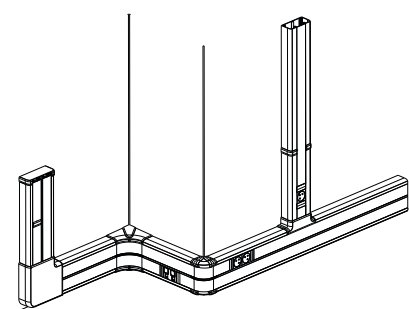

80X50

	cat. nos (body+cover)	Length (m)
50 / 80 / 45	0 757 00	2

Wiring capacity

Maxi diameter: 38mm
Cross-section : 2934mm²

50x80 **A**	Maxi capacity (A)	Capacity with Mosaic wiring devices (A)
1,5 mm²	177	94
2,5 mm²	131	70
4 mm²	115	61
6 mm²	85	45
3x1,5 mm²	26	13
3x2,5 mm²	19	10
UTP & FTP Cat. 6	58	31

2. RANGE (cont.)

2.1.2 - 2 Compartments trunking
50x130 cat. no 0 757 02

130X50

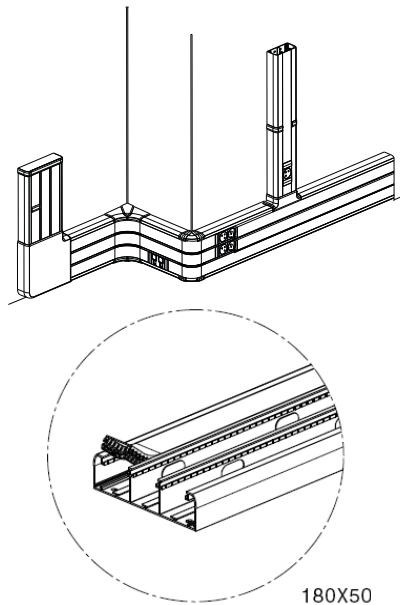|	cat. nos (body+cover)	Length (m)
130 / 50 / 45 / 45	0 757 02	2

Wiring capacity

Maxi diameter: 38mm
Cross-section: 2442 mm² in each compartment

50x130 **A B**	Maxi capacity (A/B)	Capacity with Mosaic wiring devices (A/B)
1,5 mm²	148	65
2,5 mm²	109	48
4 mm²	96	42
6 mm²	71	31
3x1,5 mm²	21	9
3x2,5 mm²	16	7
UTP & FTP Cat. 6	48	21

2. RANGE (cont.)

2.1.3 - 3 Compartments trunking
50x180 cat. no 0 757 04

180X50

|	cat. nos (body+cover)	Length (m)
	0 757 04	2

Wiring capacity
Maxi diameter: 38mm
Cross-section: 2442 mm² compartment A/C- 1950 mm² compartment B

50x180	Maxi capacity		Capacity with Mosaic wiring devices	
	A/C	B	A/C	B
1,5 mm²	148	118	65	35
2,5 mm²	109	87	48	26
4 mm²	96	76	42	22
6 mm²	71	55	31	16
3x1,5 mm²	21	17	9	5
3x2,5 mm²	16	12	7	3
UTP & FTP Cat. 6	48	38	21	11

2. RANGE (cont.)

■ 2.2 Finishing accessories

2.2.1 Internal angles
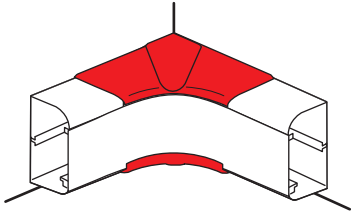
White color RAL 9003.
Allows the internal junction of two trunking pieces of the same section :
- avoids miter cutting on the trunking
- compliance with the protection index (IP).

The internal angles ensure the continuity of the flexible cover over the angles, so no need to cut cover, and more aesthetic.
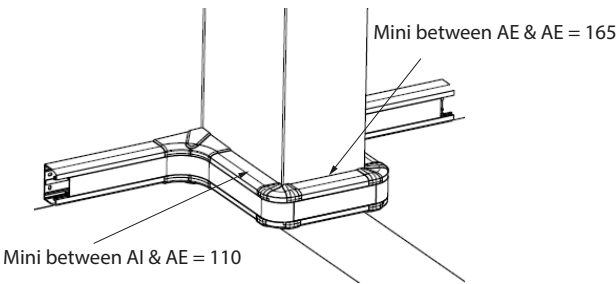
Allows for variable internal angles from 80° to 100°.

The internal angles include 2 elements for 1 compartment trunking, 3 elements for trunking 2 compartments (1 partition junction) and 4 elements for trunking 3 compartments (2 partition junctions).
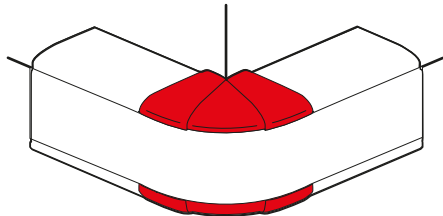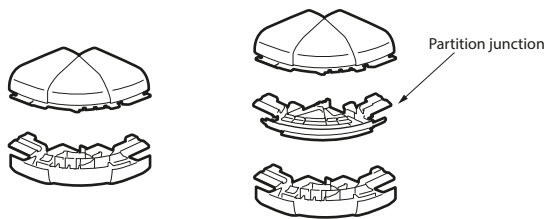

Partition junction
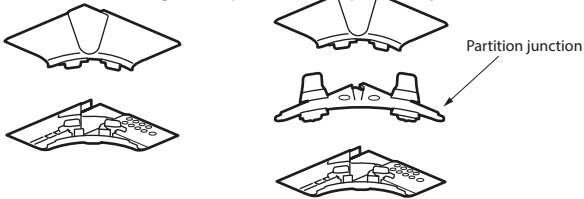
Internal angles cat. nos		for trunking		
		section (mm)	compartment number	cat. nos
	0 757 10	50x80	1	0 757 00
	0 757 12	50x130	2	0 757 02
	0 757 14	50x180	3	0 757 04

Mini dimensions (in mm) to be respected between internal/external angle or external/external angle

Mini between AE & AE = 165

Mini between AI & AE = 110

2. RANGE *(cont.)*

2.2.2 External angles

White color RAL 9003.
Allows the external junction of two trunking pieces of the same section :
- avoids miter cutting on the trunking
- compliance with the protection index (IP).

The external angles ensure the continuity of the flexible cover over the angles, so no need to cut cover, and more aesthetic.

Allows for variable external angles from 85° à 120°.

The external angles include 2 elements for 1 compartment trunking, 3 elements for trunking 2 compartments (1 partition junction) and 4 elements for trunking 3 compartments (2 partition junctions).

Partition junction

External angles cat. nos		for trunking		
		section (mm)	compart-ment number	cat. nos
	0 757 15	50x80	1	0 757 00
	0 757 17	50x130	2	0 757 02
	0 757 19	50x180	3	0 757 04

Mini dimension in mm to be respected allowing the installation of angle inter/exter: (in the case of bypassing a pole, for example.)


Mini between AE & AE = 165

Mini between AI & AE = 110
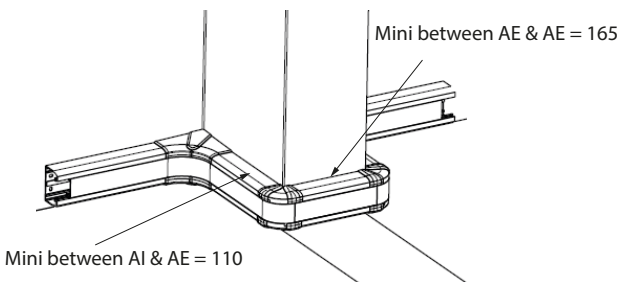
2. RANGE *(cont.)*

2.2.3 Flat angles
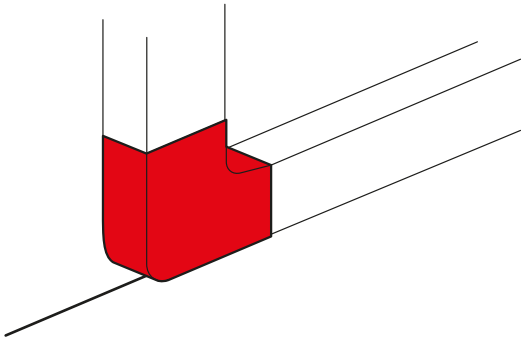
White color RAL 9003.
Allows the flat junction of two trunking pieces of the same section :
- avoids miter cutting on the trunking
- preserves the distribution of the various currents
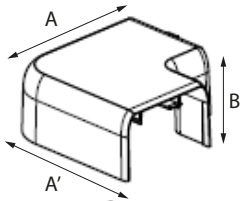- compliance with the protection index (IP).

Asssembly on the trunking with or without partition.
Flat angles are not variable 90°.
The flat angles include 2 elements.

Plate   Top cover
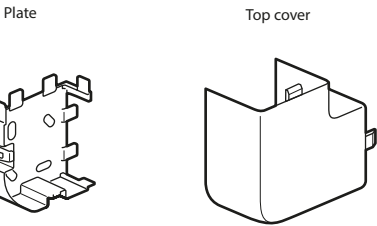
Flat angle cat. nos		for trunking		
		section (mm)	compart-ment number	cat. nos
	0 757 20	50x80	1	0 757 00
	0 757 22	50x130	2	0 757 02
	0 757 24	50x180	3	0 757 04

Flat angle dimensions:

	A	A'	B
L 80	123,3	123,3	52,3
L 130	175,3	175,3	52,8
L 180	226,7	226,7	

2. RANGE *(cont.)*

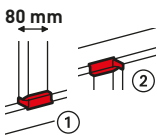### 2.2.4 Flat junction for 8, 130 & 180 mm wide trunking
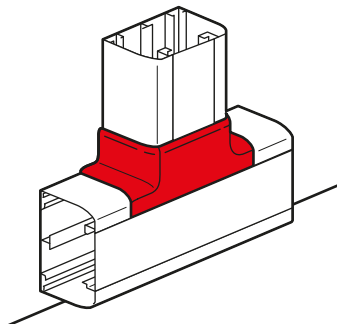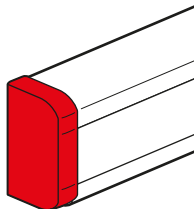
White color RAL 9003.

Allows:
- the T junction of two trunking pieces of the same section
- compliance with the protection index (IP).

Allows T flat junction for 80 - 130 & 180 mm wide sections.
Creates a junction with snap-on trunking 50x80 mm.

Flat junction cat. no		for trunking cat. nos
80 mm	0 757 25	0 757 00/02/04

2. RANGE *(cont.)*

2.2.5 End cap

White color RAL 9003.

Allows to close the end of the body:
- compliance with the protection index (IP)
- improvement of aesthetics (covering of the cut)
- left or right end cap
Installation on the body by fitment and screwing.

The end cap is delivered with a screw and a closing piece.

x 1

x 1   x 1
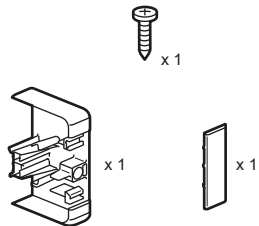
Installed from the front rather than from the side (requiring more space). Equipped with a closing piece that makes intervention on the compartments of the trunking easier.
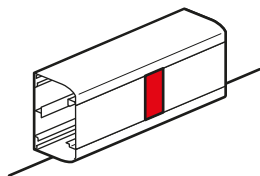
CLIC
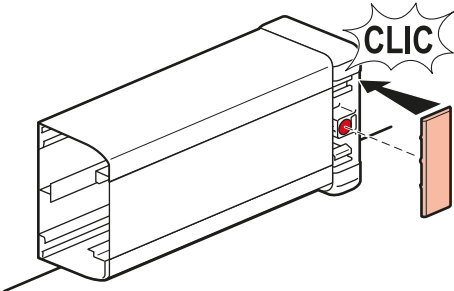
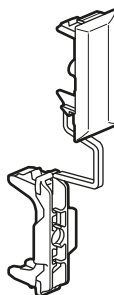| End caps cat. nos		section (mm)	compartment number	for trunking cat. nos
	0 757 05	50x80	1	0 757 00
	0 757 07	50x130	2	0 757 02
	0 757 09	50x180	3	0 757 04
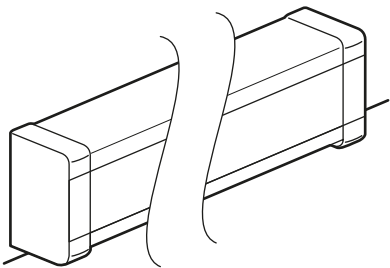
2. RANGE *(cont.)*

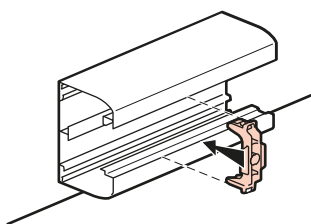### 2.2.6 Cover joint cat. no 0 757 35
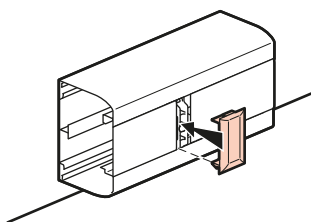

White color RAL 9003.

Allows:
- the end to end junction of two 45 mm covers
- maintains the protection index (IP)
- improvement of aesthetics (covering of the cut)

Snap on of the joint plate on trunking & snap on of the joint finishing piece on its plate.
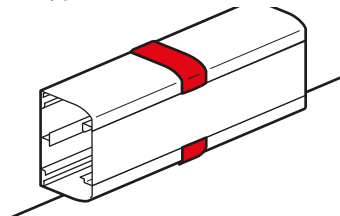

By removing the finishing piece of the cover joint, it allows easy access to the cover for removal, thus facilitating intervention in the compartment.
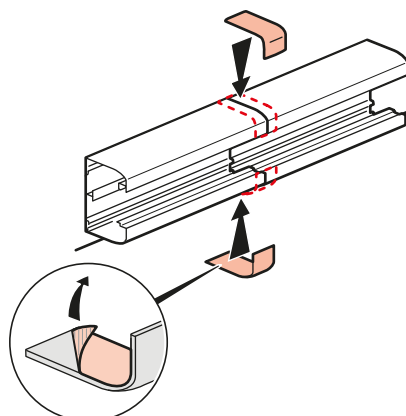

2. RANGE *(cont.)*

2.2.7 Stick-on body joint cat. no 0 757 30
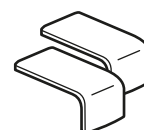

White color RAL 9003.

Allows:
- the end to end junction of two same section trunkings
- maintains the protection index (IP)
- improvement of aesthetics (covering of the cut)
- fixing by adhesive, to be installed at the end of the installation

Cat. no 0 757 30
Stick-on body joint for trunking with small sides of 17mm (50x80, 50x130)
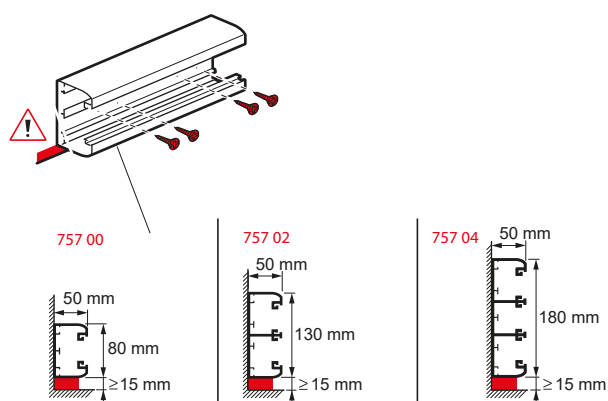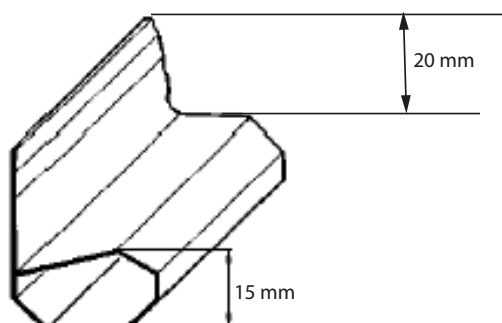
2. RANGE (cont.)

■ 2.3 Other accessories

2.3.1 Height spacer cat. no 0 105 80

Lenght 2m, color anthracite grey
For fitting 15mm from the ground in accordance with standard
NF C 15-100 (when installing mains voltage wiring accessories and/or
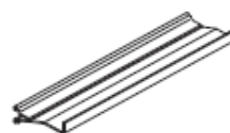using wires)

Dimensions

2. RANGE (cont.)

2.3.2 Extra partition cat. no 0 756 09

Delivered in length of 2m
White Color.
For the separation of various types of currents allows (sector, telephone, data processing…)
Fixing on the trunking body by clipping.

Possibility to adapt removable partitions (for the separation of the currents in the same compartment).

Bodies' bottoms equipped with holes for fixing, facilitating the leveling of the trunking (verticality/inclination) only on the trunking 50x80 cat. no 0 757 00.
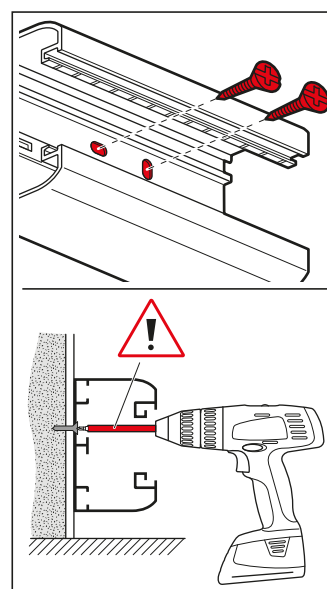
-Serrated bodies at the ends associated with the Soluclip accessory (wiring devices delivered equipped with the Soluclip accessory). for getting the anti-slip function.
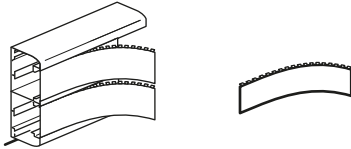
Partition hole specifications: makes easier the cabling between two compartments.
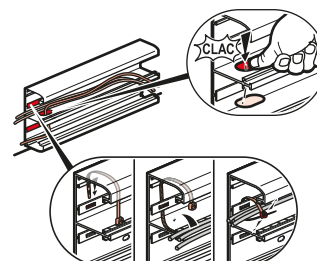
The "T" pieces at the bottom of the duct are equipped with holes allowing the passage of a clamp for retaining cables inside the compartment.
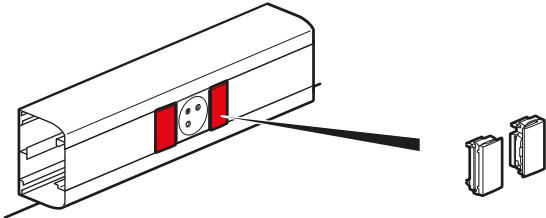
2. RANGE *(cont.)*
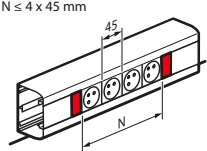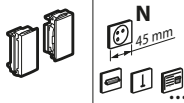
2.3.3 Flexible cover cat. no 0 757 29

Delivered in length of 2m.
White color RAL 9003.
Cut out using a saw (standard hacksaw)
Fixing on the trunking body by clip-on.

2. RANGE *(cont.)*

2.3.4 Soluclip accessory : anti-slip & anti-pullout of the wiring devices size 45 cat. no 0 757 36

White color RAL 9003.
Set of 2 pieces.
Allows :
- anti-slip
- anti-pullout
- perfect finish
- respect of the degree protection (IP4X)

	N $\leq$ 4 x 45 mm / N > 4 x 45 mm		N	
			45 mm	
		1 x 0 757 36	1 $\longrightarrow$ 4	
		2 x 0 757 36	5 $\longrightarrow$ 8	
		3 x 0 757 36	9 $\longrightarrow$ 12	
		4 x 0 757 36	13 $\longrightarrow$ 16	

Be careful with the installation way of soluclip.
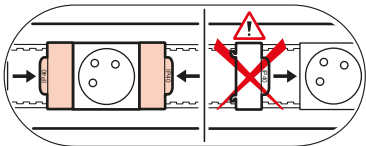
Installation principle for sockets for snap-on trunking :

A= disengage the finishing piece
B= rotate the finishing piece by 180°
C= snap on the finishing piece
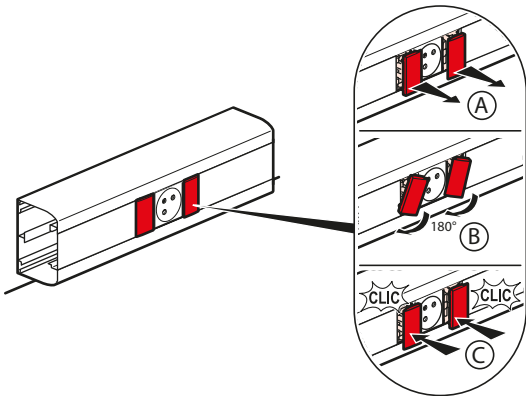
3. TECHNICAL CHARACTERISTICS

Classification of trunking EN 50085-2-1

6.2 Resistance to impact for installation and application	2.0J
6.3 Minimum storage and transport temperature	- 25°C
6.3 Minimum installation and application temperature	- 5°C
6.3 Maximum application temperature	+ 60°C
6.4 Resistance to flame propagation	Non-flame propagating
6.5 Electrical continuity characteristic	Without electrical continuity characteristic
6.6 Electrical insulating characteristic	With electrical insulating characteristic
6.7 Degrees of protection provided by enclosure	IP40
6.9 The system access cover retention	With a tool
6.101 The position when surface mounted	Surface-mounted on the wall
	Surface-mounted on the ceiling
	Surface-mounted on the wall and supported by the floor (with ref 10580)
Protection against mechanical shocks	Type 1
Tension assignée	500 V
Protection contre les chocs mécaniques	IK 07

Compositions and functions of trunking (1 system per line) EN 50085-2-1

Flexible cover snap-on DLP trunking grey color			End cap
Body + cover	Cat. nos	Section (mm²)	
50x80	0 757 00	2934	0 757 05
50x130	0 757 02	2442/2442	0 757 07
50x180	0 757 04	2442/1950/2442	0 757 09

4. MATERIAL CHARACTERISTICS

The trunkings, covers and partitions are in PVC white color RAL 9003.

Plastic accessories are in plastic ABS white color RAL 9003.