

Description

OptiLine 50 installation trunking are available in three materials: PVC, halogen-free plastic PC/ABS and aluminium. The PVC and the halogen-free plastic trunking with accessories are white, RAL 9010. The aluminium trunking are available either natural anodized or powder coated white and have PC/ABS accessories that are painted to match the trunking.

The upper compartment of the two-compartment trunking has a snap-fitted top cover. The cover is easily removed, to provide ergonomic cable laying from above.

All OptiLine 50 trunking have a front opening for direct click-in of 50 module wiring devices.

Application

OptiLine 50 trunking are suitable for use in applications in commercial and public buildings such as offices, shops, laboratories.

Benefits

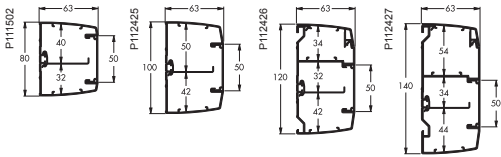
- Easy installation. Accessories are mounted directly without adaptation.
- Quick and safe installation of direct click-in 50 mm wiring devices, also enabling the use of installation couplers.
- Pre-punched knock-outs/slots in the partition walls. Easy to feed cables between the compartments.
- Two-compartment trunking with a dedicated upper compartment for easy and ergonomic laying of cables from above. Helps speeding up the work of the installer.
- Smart accessories, like the cable retainer that keeps cables in place in the trunking during the installation.
- For maximum EMC protection, use trunking alternative 140H.
- Attractive design of trunking 140H gives concealed outlets and cable installations.
- Protective foil on both sides of the trunking base and of the top and front covers, marked with the product brand.

Technical and Material data

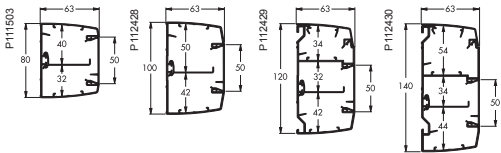
PVC (self-extinguishing, lead and cadmium-free poly-vinyl chloride)	Density	1.5 g/cm ³
	Linear expansion	60x10 ⁻⁶ /°C
	Fire rating	UL 94 V0 (0.8 mm)
	Colour	White RAL 9010
Aluminium	Density	2.7 g/cm ³
	Linear expansion	2.4x10 ⁻⁵ /°C
	Surface treatment	Natural anodizing or powder coating
	Colour	White RAL 9010
PC/ABS (polycarbonate/acrylonitrile butadiene styrene)	Density	1.14 g/cm ³
	Linear expansion	70x10 ⁻⁶ /°C
	Water absorption	0.6%
	Fire rating	UL 94 HB
	Colours	<ul style="list-style-type: none"> • White RAL 9010 • Dark grey RAL 7043 • Aluminium metallic (painted)
	PA (polyamide), halogen-free	Density
Water absorption		2.0%
Fire rating		UL 94 V0
Colours		Green
Steel	Specification	Corrosion protected cold-rolled sheet steel with a layer thickness of at least 7 µm per side.
	Density	7.646 g/cm ³
	Linear expansion	11.5x10 ⁻⁶ /°C
	Surface treatment	Hot-dip zinc coated Z100
	Colours (powder coating)	<ul style="list-style-type: none"> • White RAL 9010 • Aluminium metallic
	Degree of protection	IP40
Resistance to impact	2J (IK07)	
Temperature range	Min. storage and transport temperature	-25°C
	Min. installation and application temperature	-5°C
	Max. application temperature	+60°C
Standards and certificates	The products comply with the standards: <ul style="list-style-type: none"> • EN 50085-1:2005 • EN 50085-2-1:2006 	
	The products satisfy the provisions for CE marking according to the Low Voltage Directive 73/23/EEC and 93/68/EEC. The products comply with the RoHS directive 2002/95/EC (Restriction of Hazardous Substances)	

Design and dimensions

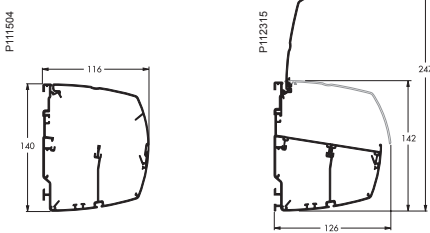
Plastic trunking



Aluminium trunking



Aluminium trunking 140H



Mounting instructions

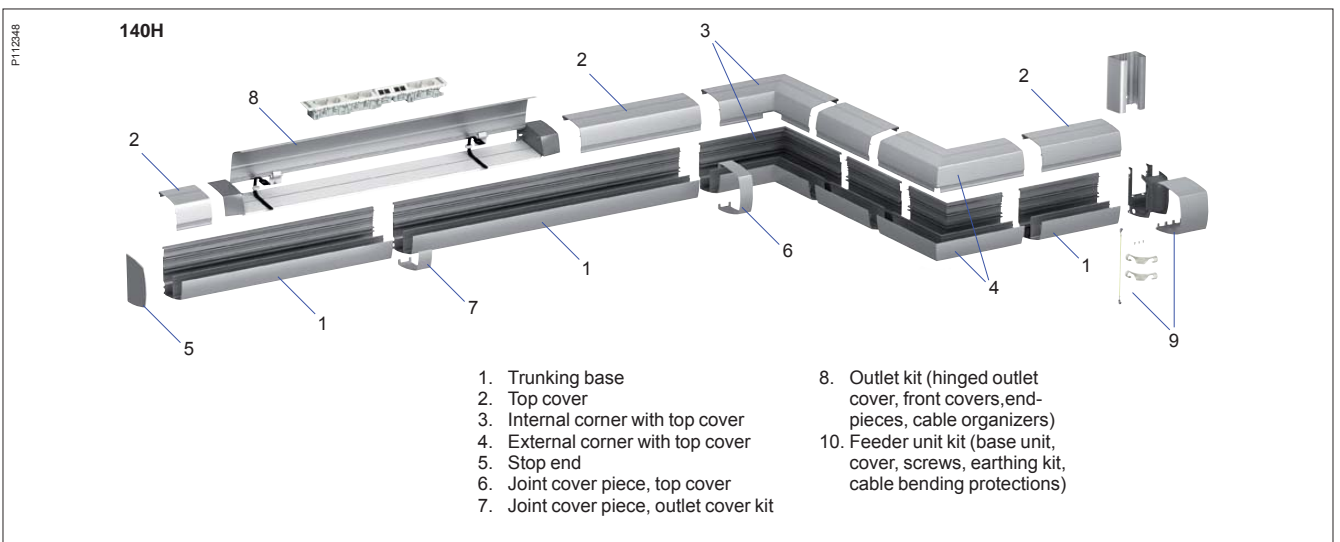
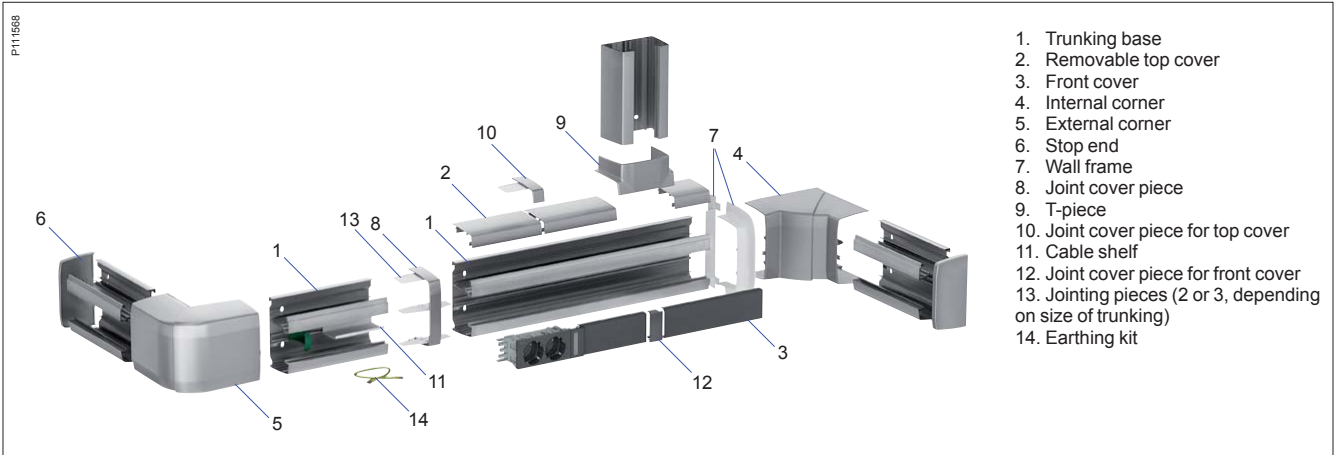
Mounting instructions are enclosed with the product. They are also available on PI@net.

Art.No. 20060797	Aluminium trunking with one compartment
Art.No. 20060798	Plastic trunking with one compartment
Art.No. 20060799	Aluminium trunking with two compartments
Art.No. 20060800	Plastic trunking with two compartments
Art.No. 20061317	Aluminium trunking 140H

Product Environmental Profile

Product Environmental Profile documents are available on PI@net.

Exploded views



Cable capacity

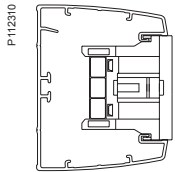
Recommended fill factor: 50%



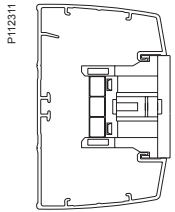
Cables used in the examples: Data \varnothing 7 mm
Power \varnothing 12 mm (3x2.5 mm²)

More detailed cable capacity calculations can be made in our specification tool.

Trunking with outlets and GST installation couplers



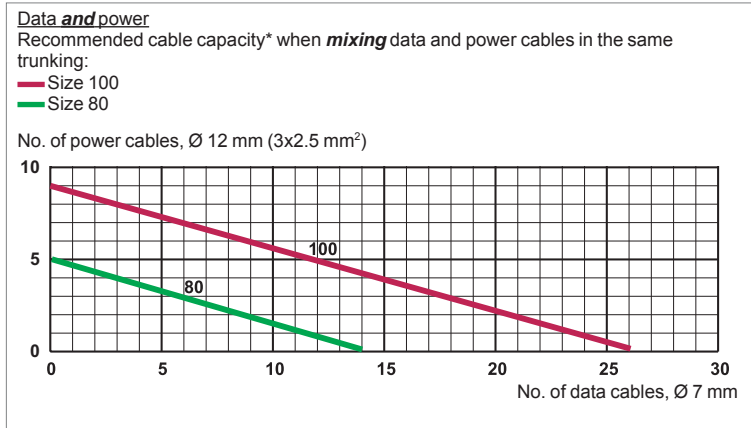
Size 80
Recommended cable capacity*:
Data or power
Data: Max 14 cables
Power: Max 5 cables



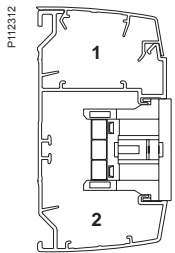
Size 100
Recommended cable capacity*:
Data or power
Data: Max 26 cables
Power: Max 9 cables

Data and power
For combinations, see right-hand chart.

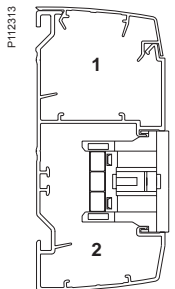
*With fill factor 50%.



Trunking with outlets and GST installation couplers

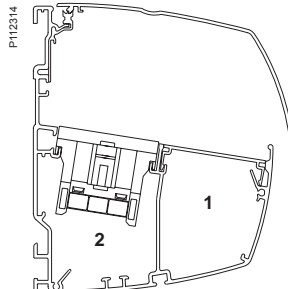


Size 120
Recommended cable capacity*:
1. Data: Max 16 cables
2. Power: Max 5 cables



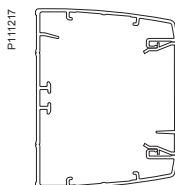
Size 140
Recommended cable capacity*:
1. Data: Max 24 cables
2. Power: Max 6 cables

*With fill factor 50%.

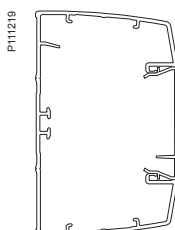


Size 140H
Recommended cable capacity*:
1. Data: Max 20 cables
2. Power: Max 4 cables

Trunking without outlets



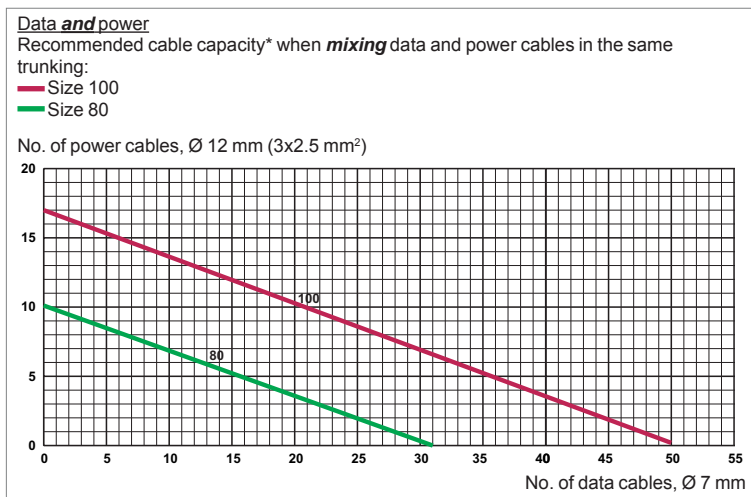
Size 80
Recommended cable capacity*:
Data or power
Data: Max 31 cables
Power: Max 10 cables



Size 100
Recommended cable capacity*:
Data or power
Data: Max 50 cables
Power: Max 17 cables

Data and power
For combinations, see right-hand chart.

*With fill factor 50%.



Plastic trunking

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
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Installation trunking, halogen-free

Installation trunking consisting of a one-compartment trunking base. The trunking base has pre-punched mounting holes every 25th cm and can be provided with cable shelf. The front opening is adapted to direct click-in of 50 mm wiring devices. Intended for direct wall mounting. The trunking base is supplied with protective foil, in lengths of 2.5 m. Halogen-free.
Material: PC/ABS.

P103970		80 with one compartment	White	80/63/2500	10 m	3606485123080	INS12100
P103980		100 with one compartment	White	100/63/2500	10 m	3606485123172	INS12200

Installation trunking including two-compartment trunking base and removable top cover. The top cover is snap-fitted to the upper compartment and can be easily removed for ergonomic cable laying from above. The trunking base has pre-punched mounting holes every 25th cm and can be provided with cable shelf. The integrated partition wall has pre-punched knock-outs every 25th cm to facilitate cable laying. The front opening is adapted to direct click-in of 50 mm wiring devices. Intended for wall mounting, either direct or on brackets. Trunking base and top cover are supplied unassembled under separate protective foil, in lengths of 2.5 m. Halogen-free.
Material: PC/ABS.

P103973		120 with two compartments	White	120/63/2500	10 m	3606485123264	INS12300
P103975		140 with two compartments	White	140/63/2500	10 m	3606485123363	INS12400

Installation trunking, PVC

Installation trunking consisting of a one-compartment trunking base. The trunking base has pre-punched mounting holes every 25th cm and can be provided with cable shelf. The front opening is adapted to direct click-in of 50 mm wiring devices. Intended for direct wall mounting. The trunking base is supplied with protective foil, in lengths of 2.5 m.
Material: PVC.

P103970		80 with one compartment	White	80/63/2500	10 m	3606485123165	INS12150
P103980		100 with one compartment	White	100/63/2500	10 m	3606485123257	INS12250

Installation trunking including two-compartment trunking base and removable top cover. The top cover is snap-fitted to the upper compartment and can be easily removed for ergonomic cable laying from above. The trunking base has pre-punched mounting holes every 25th cm and can be provided with cable shelf. The integrated partition wall has pre-punched knock-outs every 25th cm to facilitate cable laying. The front opening is adapted to direct click-in of 50 mm wiring devices. Intended for wall mounting, either direct or on brackets. Trunking base and top cover are supplied unassembled under separate protective foil, in lengths of 2.5 m.
Material: PVC.

P103973		120 with two compartments	White	120/63/2500	10 m	3606485123356	INS12350
P103975		140 with two compartments	White	140/63/2500	10 m	3606485123424	INS12450

Accessories for plastic trunking

Internal corner, fixed

Fixed internal corner for a 90 degree angling of plastic trunking.
Material: PC/ABS.












P104041		Internal corner 80	White	85/115/115	1	3606485123097	INS12101
		Internal corner 100	White	105/115/115	1	3606485123189	INS12201

Internal corner, adjustable

Adjustable internal corner for an 80–100 degree angling of plastic trunking.
Material: PC/ABS.

P104060		Internal corner 120	White	129/150/150	1	3606485123271	INS12301
		Internal corner 140	White	149/150/150	1	3606485123370	INS12401

Accessories for plastic trunking

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
External corner, fixed					
Fixed external corner for a 90 degree angling of plastic trunking. Material: PC/ABS.					
P104029 	External corner 80	White	85/105/105	1	3606485123103 INS12102
	External corner 100	White	105/115/115	1	3606485123196 INS12202
External corner, adjustable					
Adjustable external corner for a 70–140 degree angling of plastic trunking. Material: PC/ABS.					
P104038 	External corner 120	White	129/153/153	1	3606485123288 INS12302
	External corner 140	White	149/153/153	1	3606485123387 INS12402
Bend, 90°, kit					
90 degree bend kit for angling upwards and downwards of plastic trunking. Including bend piece and fixing device to be screw-fitted to the wall. Material: PC/ABS.					
P102827 	Bend 80	White	102/63/102	1	3606485123110 INS12103
	Bend 100	White	122/63/122	1	3606485123202 INS12203
T/L-piece					
Combined T/L-piece. When being used as a T-piece it is intended to connect vertical and horizontal plastic trunking of various sizes. As an L-piece it can be used in corners. Material: PC/ABS.					
P104031 	For vertical trunking 80 and horizontal trunking 100, 120, 140	White	52/63/101	1	3606485123158 INS12107
P104033 	For vertical trunking 100 and horizontal trunking 100, 120, 140	White	52/63/121	1	3606485123240 INS12207
Stop end					
Stop end for plastic trunking. Screw-fixing. Material: PC/ABS.					
P104501 	Stop end 80	White	84/30/65	2	3606485123127 INS12104
	Stop end 100	White	104/30/65	2	3606485123219 INS12204
P104061 	Stop end 120	White	124/30/65	2	3606485123295 INS12304
	Stop end 140	White	144/30/65	2	3606485123394 INS12404
Wall/ceiling frame					
Wall/Ceiling frame to be fitted around a plastic trunking at wall or ceiling passage. Snap-fitted, with a screw-fixing option. Material: PC/ABS.					
P104035 	Wall/Ceiling frame 80	White	130/22.5/88	1	3606485123134 INS12105
	Wall/Ceiling frame 100	White	150/22.5/88	1	3606485123226 INS12205
Wall frame					
Wall frame to be fitted around a plastic trunking at wall passage. The separate back piece is to be used when the trunking is mounted on brackets. Snap-fitted, with a screw-fixing option. Material: PC/ABS.					
P104040 	Wall frame 120	White	170/22.5/113	1	3606485123301 INS12305
	Wall frame 140	White	190/22.5/113	1	3606485123400 INS12405
Joint cover piece, kit					
Joint cover piece, supplied and mounted together with two jointing pieces. Intended to cover joints between two plastic trunking sections. Easy to remove in case of an upgrading of the installation. Material: PC/ABS.					
P103978 	Joint cover piece 80	White	84/65/90	1	3606485123141 INS12106
	Joint cover piece 100	White	104/65/90	1	3606485123233 INS12206
Joint cover piece, supplied and mounted together with three jointing pieces. Intended to cover joints between two plastic trunking sections and the removable top cover. Easy to remove in case of an upgrading of the installation. Material: PC/ABS.					
P111274 	Joint cover piece 120	White	124/65/90	1	3606485123318 INS12306
	Joint cover piece 140	White	144/65/90	1	3606485123417 INS12406

Accessories for plastic trunking

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
Front cover					
Front cover to be snap-fitted in trunking with a 50 mm front opening. Supplied with protective foil, in lengths of 2.5 m. Material: PVC or PC/ABS.					
P103977	White	50/13/2500	30 m	3606485123431	INS12900
P106223	Dark grey	50/13/2500	30 m	3606485123448	INS12901
P103977	White	50/13/2500	30 m	3606485123509	INS12950
Joint cover piece for front cover					
Joint cover piece intended to cover joints between two front covers. Material: PC/ABS.					
P110471	White	51/20/25	5	3606485123455	INS12902
Joint cover piece for top cover					
Joint cover piece intended to cover joints between two top covers. Material: PC/ABS.					
P104058	White	27/65/54	1	3606485123493	INS12911
Cable shelf					
Single cable shelf to be mounted in the trunking base, providing separation between power and low voltage cables. Supplied in lengths of 1 m. Material: PC/ABS or PVC.					
P85788	White	17/48/1000	24 m	3606485123462	INS12904
	White	17/47/1000	24 m	3606480028410	ISM10902
Joining piece					
Internal joining piece intended to facilitate jointing of two trunking bases. May also be used to mount the joint cover piece. Material: PC/ABS.					
P103979	White	5/30/90	10	3606485123479	INS12905
Cable bending protection					
Protection device intended to protect cables, mainly for data and telephone, in corners and bends or at trunking entries, ensuring that the cables will not be below the minimum bending radius. Material: PC/ABS.					
P109864	White	68/20/68	5	3606485123325	INS12310
Spacer for top cover					
Spacer intended to secure the function of the top cover of the two-compartment trunking when mounted under a window-sill. Material: PC/ABS.					
P101500	Green	10/12/30	10	3606485123486	INS12910
Screener for corner					
Screener for EMC protection of data and telephone cables placed in the upper compartment of the two-compartment plastic trunking and passing internal or external corners. Supplied with one screw. Material: Steel.					
P110099	—	1/74/74	10	3606485123349	INS12312
Screener for trunking base					
Screener with pre-punched knock-outs for EMC protection of data and telephone cables placed in the upper compartment of the two-compartment plastic trunking. Supplied with one screw. Material: Steel.					
P110672	—	7/57/1030	10	3606485123332	INS12311
Cable retainer					
Cable retainer to be mounted at the back of the trunking base to keep cables in place during the installation phase. No need to remove the retainer when fitting the front cover. Package of five. Material: PA.					
P85787	Green	32/42/25	5	3606480028403	ISM10901

Aluminium trunking

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.	
Installation trunking						
Installation trunking consisting of a one-compartment trunking base. The trunking base has pre-punched mounting holes every 25th cm and can be provided with cable shelves. The front opening is adapted to direct click-in of 50 mm wiring devices. Intended for direct wall mounting. The trunking base is supplied with protective foil, in lengths of 2.5 m. Material: Aluminium, natural anodized or powder coated white.						
P103982 	80 with one compartment	White Anodized	80/63/2500	10 m	3606485123516 3606485123523	INS13100 INS13150
	100 with one compartment	White Anodized	100/63/2500	10 m	3606485123592 3606485123608	INS13200 INS13250
Installation trunking including two-compartment trunking base and removable top cover. The top cover is snap-fitted to the upper compartment and can be easily removed for ergonomic cable laying from above. The trunking base has pre-punched mounting holes every 25th cm and can be provided with cable shelf. The integrated partition wall has pre-punched slots every 25th cm to facilitate cable laying. The front opening is adapted to direct click-in of 50 mm wiring devices. Intended for wall mounting, either direct or on brackets. Trunking base and top cover are supplied unassembled under separate protective foil, in lengths of 2.5 m. Material: Aluminium, natural anodized or powder coated white.						
P103986 	120 with two compartments	White Anodized	120/63/2500	10 m	3606485123677 3606485123707	INS13300 INS13350
	140 with two compartments	White Anodized	140/63/2500	10 m	3606485123752 3606485123783	INS13400 INS13450

Accessories for aluminium trunking

Internal corner, fixed						
Fixed internal corner for a 90 degree angling of aluminium trunking. Material: PC/ABS.						
P104041 P104042 	Internal corner 80	White Alu metallic	85/115/115	1	3606485123097 3606485123530	INS12101 INS13151
	Internal corner 100	White Alu metallic	105/115/115	1	3606485123189 3606485123615	INS12201 INS13251
Internal corner, adjustable						
Adjustable internal corner for an 80–100 degree angling of aluminium trunking. Material: PC/ABS.						
P104080 P101502 	Internal corner 120	White Alu metallic	129/150/150	1	3606485123271 3606485123714	INS12301 INS13351
	Internal corner 140	White Alu metallic	149/150/150	1	3606485123370 3606485123790	INS12401 INS13451
External corner, fixed						
Fixed external corner for a 90 degree angling of aluminium trunking. Material: PC/ABS.						
P104029 P104030 	External corner 80	White Alu metallic	85/105/105	1	3606485123103 3606485123547	INS12102 INS13152
	External corner 100	White Alu metallic	105/115/115	1	3606485123196 3606485123622	INS12202 INS13252
External corner, adjustable						
Adjustable external corner for a 70–140 degree angling of aluminium trunking. Material: PC/ABS.						
P104038 P104039 	External corner 120	White Alu metallic	129/153/153	1	3606485123288 3606485123721	INS12302 INS13352
	External corner 140	White Alu metallic	149/153/153	1	3606485123387 3606485123806	INS12402 INS13452
Bend, 90°, kit						
90 degree bend kit for angling upwards and downwards of aluminium trunking. Including bend piece and fixing device to be screw-fitted to the wall. Material: PC/ABS.						
P102827 P106217 	Bend 80	White Alu metallic	102/63/102	1	3606485123110 3606485123554	INS12103 INS13153
	Bend 100	White Alu metallic	122/63/122	1	3606485123202 3606485123639	INS12203 INS13253

Accessories for aluminium trunking

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.		
T/L-piece							
Combined T/L-piece. When being used as a T-piece it is intended to connect vertical and horizontal aluminium trunking of various sizes. As an L-piece it can be used in corners. Material: PC/ABS.							
P104031 P104032		For vertical trunking 80 and horizontal trunking 100, 120, 140	White Alu metallic	52/63/101	1	3606485123158 3606485123585	INS12107 INS13157
		For vertical trunking 100 and horizontal trunking 100, 120, 140	White Alu metallic	52/63/121	1	3606485123240 3606485123660	INS12207 INS13257
Stop end							
Stop end for aluminium trunking. Screw-fixing. Material: PC/ABS.							
P104501 P106218		Stop end 80	White Alu metallic	84/30/65	2	3606485123127 3606485123561	INS12104 INS13154
		Stop end 100	White Alu metallic	104/30/65	2	3606485123219 3606485123646	INS12204 INS13254
P104061 P106220		Stop end 120	White Alu metallic	124/30/65	2	3606485123295 3606485123738	INS12304 INS13354
		Stop end 140	White Alu metallic	144/30/65	2	3606485123394 3606485123813	INS12404 INS13454
Wall/ceiling frame							
Wall/Ceiling frame to be fitted around an aluminium trunking at wall or ceiling passage. Snap-fitted, with a screw-fixing option. Material: PC/ABS.							
P104035		Wall/Ceiling frame 80	White	130/22.5/88	1	3606485123134	INS12105
		Wall/Ceiling frame 100	White	150/22.5/88	1	3606485123226	INS12205
Wall frame							
Wall frame to be fitted around an aluminium trunking at wall passage. The separate back piece is to be used when the trunking is mounted on brackets. Snap-fitted, with a screw-fixing option. Material: PC/ABS.							
P104040		Wall frame 120	White	170/22.5/113	1	3606485123301	INS12305
		Wall frame 140	White	190/22.5/113	1	3606485123400	INS12405
Joint cover piece, kit							
Joint cover piece, supplied and mounted together with two jointing pieces. Intended to cover joints between two aluminium trunking sections. Easy to remove in case of an upgrading of the installation. Material: PC/ABS.							
P103978 P106219		Joint cover piece 80	White Alu metallic	84/65/90	1	3606485123141 3606485123578	INS12106 INS13156
		Joint cover piece 100	White Alu metallic	104/65/90	1	3606485123233 3606485123653	INS12206 INS13256
P111274 P111275		Joint cover piece 120	White Alu metallic	124/65/90	1	3606485123318 3606485123745	INS12306 INS13356
		Joint cover piece 140	White Alu metallic	144/65/90	1	3606485123417 3606485123820	INS12406 INS13456
Front cover							
Front cover to be snap-fitted in aluminium trunking with a 50 mm front opening. Aluminium covers provided with earthing slots. Supplied with protective foil, in lengths of 2.5 m. Material: Aluminium, natural anodized or powder coated white, or PC/ABS.							
P103977		Front cover F50 Aluminium	White	50/17/2500	25 m	3606485123974	INS13900
		Front cover F50 Aluminium	Anodized	50/17/2500	25 m	3606485124025	INS13950
P106222		Front cover F50 Aluminium	Anodized	50/17/2500	25 m	3606485124025	INS13950
P106223		Front cover F50 PC/ABS	Dark grey	50/13/2500	30 m	3606485123448	INS12901
Joint cover piece for front cover							
Joint cover piece intended to cover joints between two front covers. Material: PC/ABS.							
P110471 P111198 P110472		Joint cover piece	White Alu metallic Dark grey	51/20/25	5	3606485123455 3606485123981 3606485123998	INS12902 INS13902 INS13903

Accessories for aluminium trunking

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.		
Joint cover piece for top cover							
Joint cover piece intended to cover joints between two top covers. Material: PC/ABS.							
P104088 P108221		Joint cover piece 120/140	White	27/65/54	1	3606485123493	INS12911
			Alu metallic			3606485124018	INS13911
Cable shelf							
Single cable shelf to be mounted in the trunking base, providing separation between power and low voltage cables. Supplied in lengths of 1 m. Material: PC/ABS or Aluminium, natural anodized.							
P85788		Cable shelf PC/ABS	White	17/48/1000	24 m	3606485123462	INS12904
		Cable shelf Aluminium	Anodized	17/48/1000	24 m	3606485124001	INS13904
Joining piece							
Internal joining piece intended to facilitate jointing of two aluminium trunking bases. May also be used to mount the joint cover piece. Material: PC/ABS.							
P103879		Joining piece	White	5/30/90	10	3606485123479	INS12905
Cable bending protection							
Protection device intended to protect cables, mainly for data and telephone, in corners and bends or at trunking entries, ensuring that the cables will not be below the minimum bending radius. Material: PC/ABS.							
P109864		Cable bending protection 120/140	White	68/20/68	5	3606485123325	INS12310
Spacer for top cover							
Spacer intended to secure the function of the top cover of the two-compartment trunking when mounted under a window-sill. Material: PC/ABS.							
P101500		Spacer 120/140	Green	10/12/30	10	3606485123486	INS12910
Cable retainer							
Cable retainer to be mounted at the back of the trunking base to keep cables in place during the installation phase. No need to remove the retainer when fitting the front cover. Package of five. Material: PA.							
P86787		Cable retainer	Green	32/42/25	5	3606480028403	ISM10901
Feeder unit							
Feeder unit intended to be used as cable entry connection between horizontal and vertical trunking. Material: Aluminium, natural anodized or powder coated white.							
P110468		Feeder unit 120	White	120/63/1000	1	3606485123684	INS13320
			Anodized			3606485123691	INS13321
P110469		Feeder unit 140	White	140/63/1000	1	3606485123769	INS13420
			Anodized			3606485123776	INS13421
Earthing clamp							
Earthing clamp for equipotential bonding, suitable for earthing of cable up to 10 mm ² . Material: Zinc.							
P110470		Earthing clamp	—	19/20/19	10	3606485124032	INS13951
Earthing clamp							
Earthing clamp to be used for bonding of front cover, trunking base and accessories to earth. For aluminium trunking. Material: Steel.							
P87196		Earthing clamp	—	9/9/9	20	3606480028502	ISM10952
Earthing kit							
Kit including earth wire with flat pin connectors and earthing clamps. To be used to connect the front cover to the base profile or the base profile to another base profile. For aluminium trunking.							
P85796		Earthing kit	Yellow/green	L = 200	10	3606480028519	ISM10953
				L = 300	10	3606480028526	ISM10954
Joining/earthing piece							
Internal jointing and earthing piece, intended for jointing and earthing of two aluminium trunking bases. Including two screws. For aluminium trunking Material: Zinc.							
P85794		Joining/earthing piece	Untreated	4/6/26	10	3606480028533	ISM10955

Accessories for aluminium trunking

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
EMC Hose					
EMC hose for improved shielding of cables. Material: Nylon, copper-plated.					
P112421	Black	L = 400	1	3606485124049	INS13952

Aluminium trunking 140H

Trunking base					
Two-compartment trunking base with one front and one rear compartment. Both compartments have a 50 mm front opening. The integrated partition wall has pre-punched slots every 25th cm to facilitate cable laying. The front opening of the rear compartment is adapted to direct click-in of 50 mm wiring devices. Intended for wall mounting, either direct or on brackets. To be used in conjunction with outlet cover kit and top cover. The trunking base is supplied under protective foil, in lengths of 2.5 m. Material: Aluminium, natural anodized or powder coated white.					
P111554 P111415	White Anodized	140/116/2500	5 m	3606485123837 3606485123929	INS13800 INS13850

Top cover					
Top cover intended to cover trunking base 140H. Supplied with protective foil, in lengths of 2.5 m. Material: Aluminium, natural anodized or powder coated white.					
P111560 P111420	White Anodized	92/108/2500	5 m	3606485123905 3606485123912	INS13811 INS13861

Outlet cover kit					
Outlet cover kit including hinged outlet cover (950 mm long), halogen-free plastic front covers, left-hand and right-hand end-pieces and cable organizers. To be used together with the trunking base for access to and concealed installation of wiring devices, and to organize cables. Ensures maximum EMC protection and ergonomic access to outlets and cables. The hinges enable opening and closing of the cover. Material: Aluminium, natural anodized or powder coated white.					
P111559 P111536	White Anodized	70/125/1070	1	3606485123899 3606480068621	INS13810 INS13860

Accessories for aluminium trunking 140H

Internal corner, fixed					
Fixed internal corner with top cover for a 90 degree angling of aluminium trunking. Supplied with two cable bending protections. Material: Aluminium, natural anodized or powder coated white.					
P111553 P111546	White Anodized	140/300/300	1	3606485123844 3606485123936	INS13801 INS13851

External corner, fixed					
Fixed external corner with top cover for a 90 degree angling of aluminium trunking. Supplied with two cable bending protections. Material: Aluminium, natural anodized or powder coated white.					
P111552 P111547	White Anodized	140/300/300	1	3606485123851 3606485123943	INS13802 INS13852

Stop end					
Stop end for aluminium trunking. Screw-fixed to the trunking base. Material: Steel, powder coated white or aluminium metallic.					
P111555 P111416	White Alu metallic	142/118/2	2	3606485123868 3606485123950	INS13804 INS13854

Wall frame					
Wall frame to be fitted around an aluminium trunking at a wall passage. Fitted on the wall, with a screw-fixing option. Material: Polystyrene.					
P111419	White	200/178/2	1	3606485123875	INS13805

Joint cover piece, top cover					
Joint cover piece intended to cover joints between two aluminium trunking sections with top cover. Easy to remove in case of an upgrading of the installation. Material: Aluminium, natural anodized or powder coated white.					
P111556 P111417	White Anodized	141/118/45	1	3606485123882 3606485123967	INS13806 INS13856

Joint cover piece, outlet cover kit					
Joint cover piece intended to cover joints between two aluminium trunking sections with outlet cover kit. Easy to remove in case of an upgrading of the installation. Material: Aluminium, natural anodized or powder coated white.					
P111557 P111418	White Anodized	73/118/45	1	3606480068607 3606480068614	INS13807 INS13857

Accessories for aluminium trunking 140H

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
Feeder unit, kit					
Feeder unit kit intended to be used as cable entry connection between horizontal and vertical trunking. Including base unit, cover, screws, earthing kit and cable bending protections. Only to be used when the trunking is mounted on brackets. Material: Aluminium, natural anodized or powder coated white.					
P111588 P111537					
Feeder unit kit 140H	White Anodized	142/119/100	1	3606480068416 3606480068423	INS13820 INS13821
Jointing piece					
Internal jointing piece intended to facilitate jointing of two aluminium trunking bases. Material: PC/ABS.					
P103979					
Jointing piece	White	5/30/90	10	3606485123479	INS12905
Earthing clamp					
Earthing clamp for equipotential bonding, suitable for earthing cable up to 10 mm ² . Material: Zinc.					
P110470					
Earthing clamp	—	19/20/19	10	3606485124032	INS13951
Earthing clamp					
Earthing clamp to be used for bonding of front cover, trunking base and accessories to earth. For aluminium trunking. Material: Steel.					
P87196					
Earthing clamp	—	9/9/9	20	3606480028502	ISM10952
Earthing kit					
Kit including earth wire with flat pin connectors and earthing clamps. To be used to connect the front cover to the base profile or the base profile to another base profile. For aluminium trunking.					
P85796					
Earthing kit	Yellow/green	L = 200 L = 300	10 10	3606480028519 3606480028526	ISM10953 ISM10954
Jointing/earthing piece					
Internal jointing and earthing piece, intended for jointing and earthing of two aluminium trunking bases. Including two screws. For aluminium trunking Material: Zinc.					
P85794					
Jointing/earthing piece	Untreated	4/6/26	10	3606480028533	ISM10955

Compatible products

Type	Colour	Dimensions A/B/C (mm)		Qty per package	EAN code	Ref. No.
Fixed bracket						
Fixed wall bracket for wall-mounting of trunking. Material: Aluminium, untreated.						
TTA-KV15	—	113/23/28		10	7315885583016	5583 010
TTA-KV35	—	130/43/28		10	7315880010241	5583 014
Fixed bracket with integrated rib holder						
Fixed wall bracket with integrated rib holder, for wall-mounting of trunking. The integrated rib holder is suitable for ventilation rib TTA-G10. Material: Aluminium, untreated.						
TTA-KV35-1	—	130/43/28		10	7315880010258	5583 016
TTA-KV56-2	—	130/64/28		10	7315880010265	5583 018
TTA-KV79-3	—	130/86/28		10	7315885583023	5583 020
TTA-KV101-4	—	132/109/28		10	7315880010272	5583 022
TTA-KV123-5	—	132/131/28		10	7315880010289	5583 024
TTA-KV146-6	—	130/153/28		10	7315880010296	5583 026
Fixed bracket with loose rib holder						
Fixed wall bracket including loose plastic rib holder TTA-GH1 with steel clamp, for wall-mounting of trunking. The loose rib holder is suitable for ventilation ribs TTA-G10 and TTA-G3. Material: Aluminium, untreated, PC/ABS.						
TTA-KV35	—	132/43/28		10	7315885583030	5583 034
TTA-KV56	—	132/64/28		10	7315880029915	5583 036
TTA-KV79	—	132/86/28		10	7315880029922	5583 038
TTA-KV101	—	132/109/28		10	7315885583047	5583 040
TTA-KV123	—	132/131/28		10	7315880029939	5583 042
TTA-KV146	—	132/153/28		10	7315880029946	5583 044
Adjustable wall bracket						
Adjustable wall bracket for wall-mounting of trunking. Suitable for use together with ventilation-rib holder kit TTA-GH1 or rib holder TTA-GH6. Material: Steel, unpainted/Aluminium.						
TTA-TN50 Adjustability 50–70	—	121/67/50		10	7315885583573	5583 570
TTA-TN70 Adjustability 70–110	—	121/67/70		10	7315880095118	5583 572
TTA-TN110 Adjustability 110–170	—	121/67/110		10	7315880095125	5583 574
TTA-TN160 Adjustability 160–260	—	180/67/160		10	7315880095132	5583 576
Adjustable wall bracket with loose rib holder						
Adjustable wall bracket including loose plastic rib holder TTA-GH1 with steel clamp, for wall-mounting of trunking. The loose rib holder is suitable for ventilation ribs TTA-G10 and TTA-G3. Material: Steel, unpainted, PC/ABS.						
TTA-KVS60A Adjustability 30–60	—	77/30/28		10	7315885583603	5583 608
Washer						
Washer to be used between bracket and wall or trunking and wall, to compensate for uneven walls. Material: PP.						
TTA-KM3	Grey	114/3/38		10	7315885583405	5583 408
TTA-KM5	Grey	114/5/38		10	7315885583412	5583 410
Ventilation-rib holder, kit						
Kit including 10 plastic rib holders and 10 steel clamps, to be used to fix ventilation ribs G3 and G10 on the wall brackets. Suitable for TTA-TN, TTA-KV and TTA-KVS. Material: PC/ABS (rib holder), steel (clamp).						
TTA-GH1	Grey	15/120/34		10	7315880079873	5590 456
Ventilation-rib holder						
Rib holder to fix ventilation ribs G3 and G10 on the wall brackets. Suitable for TTA-TN, TTA-KV and TTA-KVS. Material: PC/ABS.						
TTA-GH6	Grey	15/120/34		10	7315880030034	5590 453

P61394



P61520



P61393



P61880



P111360



P61516










P61520



P61520



Compatible products

Type	Colour	Dimensions A/B/C (mm)		Qty per package	EAN code	Ref. No.	
Ventilation ribs							
Ventilation rib to be used together with wall bracket for trunking and ventilation-rib holder. Material: Aluminium, natural anodized or powder coated.							
 P61940	TTA-G3	Anodized	20/3/2500	40	7315885590489	5590 480	
		White				7315880028949	5590 481
		White RAL 9010				7315880031987	5590 482
		Optional				7315880032533	5590 483
 P61406	TTA-G10	White RAL 9010	20/10/2500	16	7315880031956	5590 424	
		Anodized				7315885590434	5590 430
Joining piece for ventilation ribs							
Joining piece to be used for jointing of ventilation ribs. Material: Aluminium, untreated.							
 P61938	TTA-GS3	—	9/6/30	10	7315880028956	5590 486	
		 P61751				TTA-GS10	—
Mounting washer							
Mounting washer provided with screw hole for mounting to the wall by means of a countersunk screw. The mounting washers are to be placed on the wall along a chalk lining. The trunking is then easily hung on the mounting washers and screw-fixed directly to the wall. Material: PA, injection moulded.							
 P61881	TTI-MB	Black	5/15/19	100	7315885590182	5590 180	
		Insulation strips					
Sound insulation strip to be used for sound absorbing up to 53 dB when a trunking passes through a wall. Supplied in a set of four for up to four compartments. Material: Foam plastic.							
 P61537	TTI-T3045	Black	30/45/350	1	7315885590410	5590 410	
		TTI-T5070				Black	50/70/350

Fixing products

Type	Colour	Dimensions (mm)	Qty per package	EAN code	Ref. No.
Wall plugs					
Wall plug on sprue plate, suitable for use in concrete, stone, lightweight concrete, expanded clay, hollow bricks, solid bricks and plasterboard. Material: PE-HD.					
TP 2	Red	Ø5.5x35	100	7315881003006	1003 003
TP 2B	Brown	Ø8x40	100	7315881005000	1005 008
TP 3	Blue	Ø10x45	100	7315881006007	1006 006
Same as above but single. Material: PE-HD.					
TP 6	Red	Ø6x30	100	7315881003020	1003 020
Nail plugs					
Nail plug including nail for through installation. Suitable for use in concrete, stone, lightweight concrete, expanded clay, hollow bricks, solid bricks and plasterboard. Material: PA.					
TPS-6/5x35	Clear	Drill Ø6	100	7315881150007	1150 002
TPS-6/20x50	Clear	Drill Ø6	100	7315880100027	1150 051
Installation screws					
Screw with large thin head and integrated washer. Phillips cross recess. Twin thread. Fully threaded. Gives very good pressure when fixing plastic trunking. Material: Hardened steel, electroplated.					
TSC-32	—	Ø4.2x25	100	7315883782022	3782 020
TSC-33	—	Ø4.2x31	100	7315883782039	3782 030
Screw with raised countersunk head, Phillips cross recess. Fully threaded. Suitable for mounting directly into plasterboard. Material: Steel, electroplated.					
TSF-25	—	Ø4.8x25	100	7315883782428	3782 420
TSF-35	—	Ø4.8x35	100	7315883782435	3782 430
TSF-45	—	Ø4.8x45	100	7315883782442	3782 440
Installation screw with cup washer					
Screw with cross-slotted head type PH2. Sharp point, fully threaded. High pitch for quick mounting. Provided with a cup washer for screw-head protection. To be used when installing single-insulated wire in the trunking. Material: Hardened steel, electroplated, and PP.					
TFT-IS5x32	—	Ø5x32	100	7332418018203	4020 210
Concrete screws					
Concrete screw with flange head 17 mm. Recess T-30. Suitable for concrete and solid brick materials. Mounting with cordless screwdriver or wrench. Material: Steel, electroplated.					
MMS-MS	—	Ø7.5x45	50	3606480214479	IMT38037
Concrete screw with hexagon head. Washer 8x19x1.5 enclosed. Wrench width 13 mm. Suitable for concrete and solid brick materials. Mounting with cordless screwdriver or wrench. Material: Steel, electroplated.					
MMS-S	—	Ø7.5x50	50	3606480214394	IMT38029
Concrete screw with pan head. Recess T-20, T-30 or T-40, see below. Suitable for concrete and solid brick materials. Mounting with cordless screwdriver or wrench. Material: Steel, electroplated.					
MMS-P Recess T-20		Ø5x30	200	3606480214509	IMT38040
MMS-P Recess T-20		Ø5x50	200	3606480214516	IMT38041
MMS-P Recess T-30	-	Ø6x30	100	3606480214431	IMT38033
MMS-P Recess T-40	-	Ø7.5x45	100	3606480214448	IMT38034
Concrete screw with hexagon head and combined washer. Wrench width 10 mm. Suitable for concrete and solid brick materials. Mounting with cordless screwdriver or wrench. Material: Steel, electroplated.					
MMS-MF		Ø7.5x70	50	3606480214615	IMT38051

Fixing products

	Type	Colour	Dimensions (mm)	Qty per package	EAN code	Ref. No.
P 8037	Cavity fixings					
	Cavity fixing with metal toggle for high load values. Material: Zinc/Steel.					
	TPP-10xM4S	—	Drill Ø10	25	7315881200009	1200 005
	TPP-13xM5S	—	Drill Ø13	25	7315881200405	1200 401
P 8047	Cavity fixing for light installations in plasterboard. Board thickness from 9 mm. Screw size 4.5x35. Material: Zinc.					
	TPD-SK	—	—	100	7315881220106	1220 106
P 8178	Cavity fixing including a 38 mm long screw. The shape of THW prevents it from rotating. No pre-drilling needed, just hammer in. Excellent for porous and thin material. Pull-out load 100 N, safety factor 3, shear load 100N, safety factor 2.5. Board thickness 6-13 mm, max. thickness of fixture 16 mm. Material: Steel, electroplated.					
	THW 4.2x38	—	—	50	7315881260171	1260 170
P 11745	Through bolts					
	Through bolt including nut and washer. Intended mainly for indoor installations in concrete or natural rock material. Fast-grip design, the bolt is set with a few turns of the nut. Corrosivity class C2. Material: Steel, electroplated.					
	Through bolt M8x95 fzb	—	M8x95	50	3606480214691	IMT38008
	Through bolt M10x105 fzb	—	M10x105	25	3606480214714	IMT38010
P 8041 P 81679	Screw bits					
	1/4 hexagon drive end, various lengths (25, 50 or 110 mm, see below). Adapted to the Thorsman range of installation screws with Phillips cross recess. Material: Hardened steel.					
	PH 2x25	—	1/4"x25	2	7315881772056	1772 054
	PH 2x25 Reduced	—	1/4"x25	2	7315880056294	1772 052
	PH 2x50	—	1/4"x50	2	7315880055273	1772 056
	PH 2x110	—	1/4"x110	2	7315880055297	1772 058
P 11758	Screw bit T-30, for use with an extension socket. Material: Steel.					
	Screw bit	—	6.25x25	2	3606480214653	IMT38055
P 11761	Magnetic socket driver					
	Mounting tool with magnet for hexagon head screws. Material: Steel.					
	10x45 for 10 mm screws	—	10x45	1	3606480214639	IMT38053
P 11759	13x55 for 13 mm screws	—	13x45	1	3606480214646	IMT38054