Performa Mesh Tray
Product Overview Catalogue

CLIPSAL®
by **Schneider** Electric

Flexible solution
for the routing of cables

clipsal.com

CABLE MANAGEMENT

Performa Mesh Tray

Overview

Established in 1920, Clipsal by Schneider Electric is Australia's number one brand of electrical products, accessories and solutions. Over the years, the company has grown into a market leader; manufacturing products at multiple facilities across Australia. Clipsal is dedicated to supplying customers with the most innovative and sustainable electrical solutions on the market, and as part of Schneider Electric — the global specialist in energy management — can provide a total electrical solution for any project or application.

Performa Mesh... the heavyweight in mesh trays.

Clipsal Performa Mesh is one of the most flexible solutions on the market for the routing of cables in light duty and medium duty installations. The three different finishes make it easy to choose the right alternative for all environments and applications in commercial buildings, industries and infrastructure.

Thanks to the patented design of double transversal wires, Performa Mesh Trays comply with all safety requirements for installers and cables. They also provide higher safe working load values compared to any other product on the market. The smart and screw-less accessories cover all needs and are very quick and easy to use. Making projects easy on-site, with a complete range of accessories to fulfil any project specification, to handle any building constraint, and to provide solutions for any kind of application or environment.

There is no need to order accessories like bends, junctions, etc. Instead, you can make them on site from length material elements. The double transversal wires give you the option of several cutting points to create quick and safe solutions.

No matter what the environment is. No matter what the building constraints are. No matter what the project specification's state. No matter what the installer's habits are. The Clipsal Performa Mesh tray range provides solutions for each application, with minimal installation time.

Performa Mesh is a strong, flexible and reliable system, providing the simplest and fastest cable layout.

Contents

Performa Mesh Tray

Product Information

The High Performance Range of Mesh Trays

Challenging installation environments, extensive project specifications or varying building constraints on-site? No problem. Performa Mesh is the complete cable support system, available in several heights and with three surface treatments: electro-zinc, hot-dip galvanised and stainless steel. Discover this high performing range of mesh trays, and high performing installations will be ensured.

Several Innovative Benefits

- Double transversal wires for outstanding working load
- Reduced installation time with screw-less accessories
- Patented solution for safety edges
- Delivered in a protective film and colour coded for easy identification
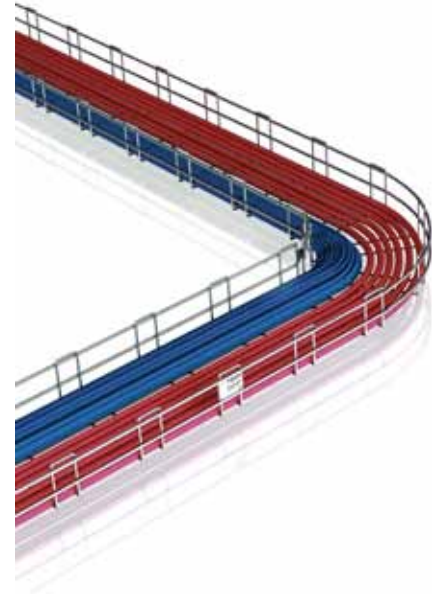
Accessories such as bends and raisers are formed on-site from length material.

Surface Treatments for all Environments

EZ   = Electro-zinc
HDG   = Hot-dip galvanised
SS   = Stainless steel

Accessories also available

PG   = Pre-galvanised
LZ   = Lamellar zinc
BC   = Bi-chromate

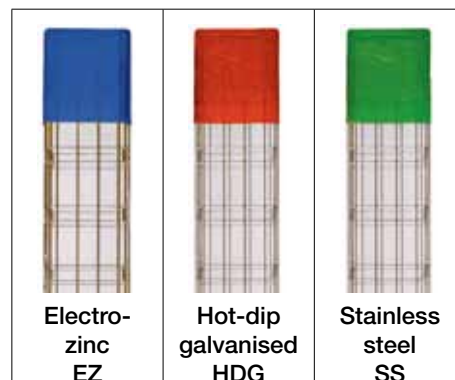|	Electro-zinc EZ	Hot-dip galvanised HDG	Stainless steel SS
Indoor installations, not aggressive atmosphere (office building, commercial malls)	Recommended		
Indoor installations, aggressive atmosphere, tunnels, underground		Recommended	Recommended
Outdoor installation, urban location		Recommended	
Chemical industries, acid and alkaline atmosphere			Recommended
Harbours, marines, water treatment			
Food industry			Recommended
Atmosphere with halogen			Recommended

Recommended

EZ: Electro-zinc (according to EN 12329-1) is a process that deposits a thin layer of zinc over the steel through an electro-chemical process, with an additional passivation that gives a typical shiny grey colour. The benefits of this process are control over zinc thickness and smoother surfaces.

HDG: Hot-dip galvanisation (EN ISO 1461) is the process of coating steel with a zinc layer, by passing the steel through a molten bath of zinc at a temperature of more than 400°C. The result is a surface treatment that protects the steel from environmental elements.

SS: Stainless steel AISI 304 (EN 10088-2) offers a high resistance to aggressive atmospheres. The pickling and passivation processes taking place after manufacturing improve the degree of protection of the steel.

PG: Pre-galvanised steel (EN 10346) is carbon steel that has gone through a zinc bath just after rolling. Good protection against oxidation and rust.

LZ: Lamellar zinc is a zinc and aluminium coating with a degree of resistance to severe atmosphere, comparable to that of hot-dip galvanised steel. It is used for small items to achieve a smooth surface.

BC: Bi-chromate (according to 12329-1) is a process that deposits a thin layer of zinc over the steel through an electro-chemical process, with an additional passivation that gives a typical yellow colour. The benefits of this process are control over zinc thickness and smoother surfaces.
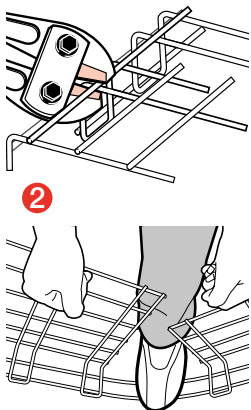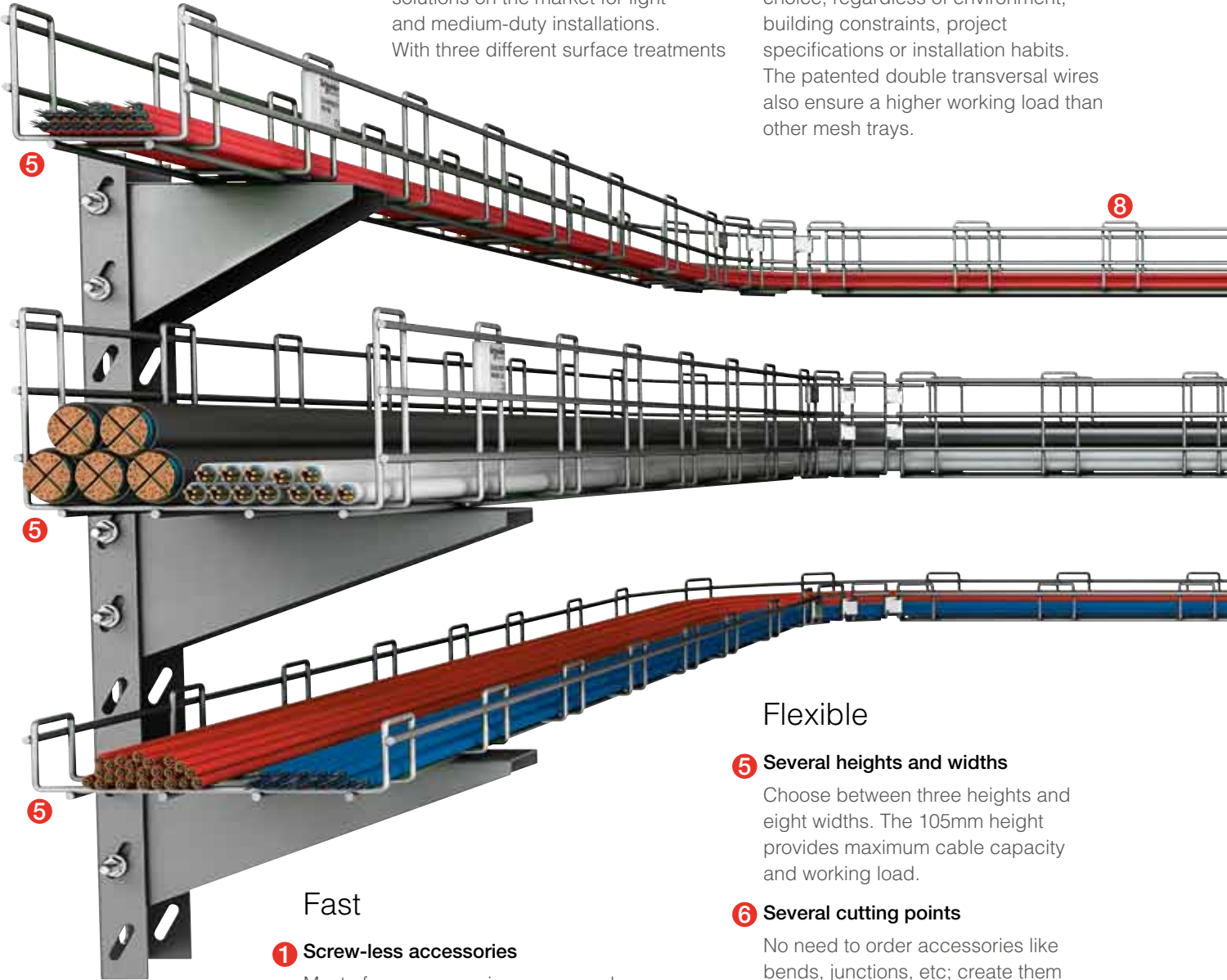
Performa Mesh Tray

Product Information

Complete Range

Performa Mesh is one of the leading solutions on the market for light and medium-duty installations. With three different surface treatments available, there is always a perfect choice; regardless of environment, building constraints, project specifications or installation habits. The patented double transversal wires also ensure a higher working load than other mesh trays.

Flexible

5 Several heights and widths

Choose between three heights and eight widths. The 105mm height provides maximum cable capacity and working load.

6 Several cutting points

No need to order accessories like bends, junctions, etc; create them on-site. The double transversal wires allow several cutting points.

7 Surface treatments for all needs

Electro-zinc, hot-dip galvanised and stainless steel. With three types of surface treatments, Performa Mesh is an excellent choice, regardless of environment.

Fast

1 Screw-less accessories

Most of our accessories are screw-less. No tools are needed. Simple and efficient.

2 Make angles on-site

It's easy. Just cut and bend the angle you need, and fix with the fast-fix locking-clips.

3 Fast-fixing

Fast-fixing to fix mesh trays to profiles 21 x 41 and 41 x 41. Direct clipping. Quick and safe.

4 Self-locking flanges

Pull the mesh tray into the self-locking flanges in the fast-fix brackets. No fixings needed.

7 Protective colour coding

Performa Mesh Trays are delivered wrapped in a transparent plastic film, where every type has its own colour. That's both a protection from dust and humidity, and a help to identify the type of surface treatment.

(EZ) (HDG) (SS)
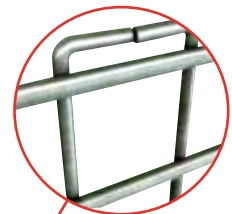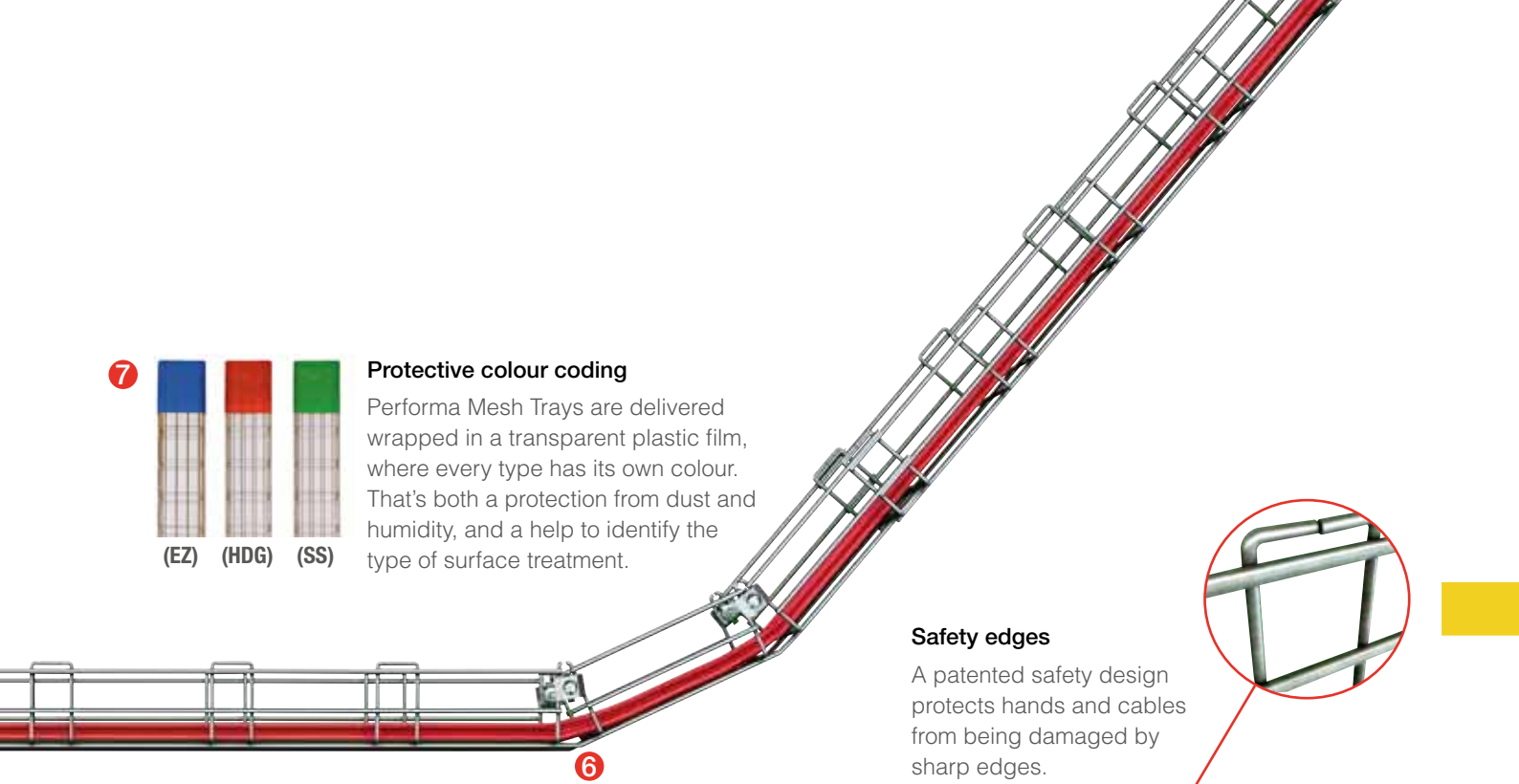
Safety edges

A patented safety design protects hands and cables from being damaged by sharp edges.

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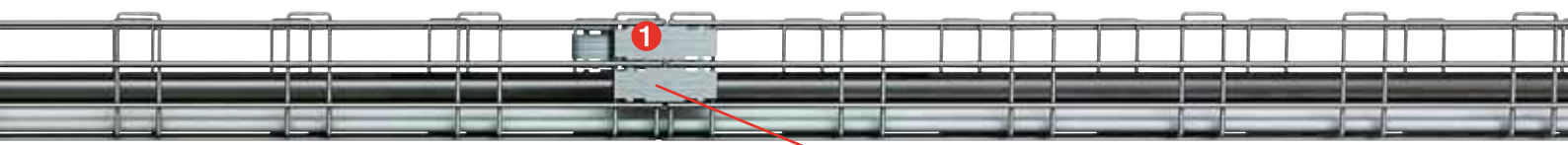
Strong

8 Higher safety working loads

Patented double transversal wires improve the working load by increasing the mechanical resistance.

9 Overheating prevention

The open structure ensures good ventilation so cables won't get overheated.

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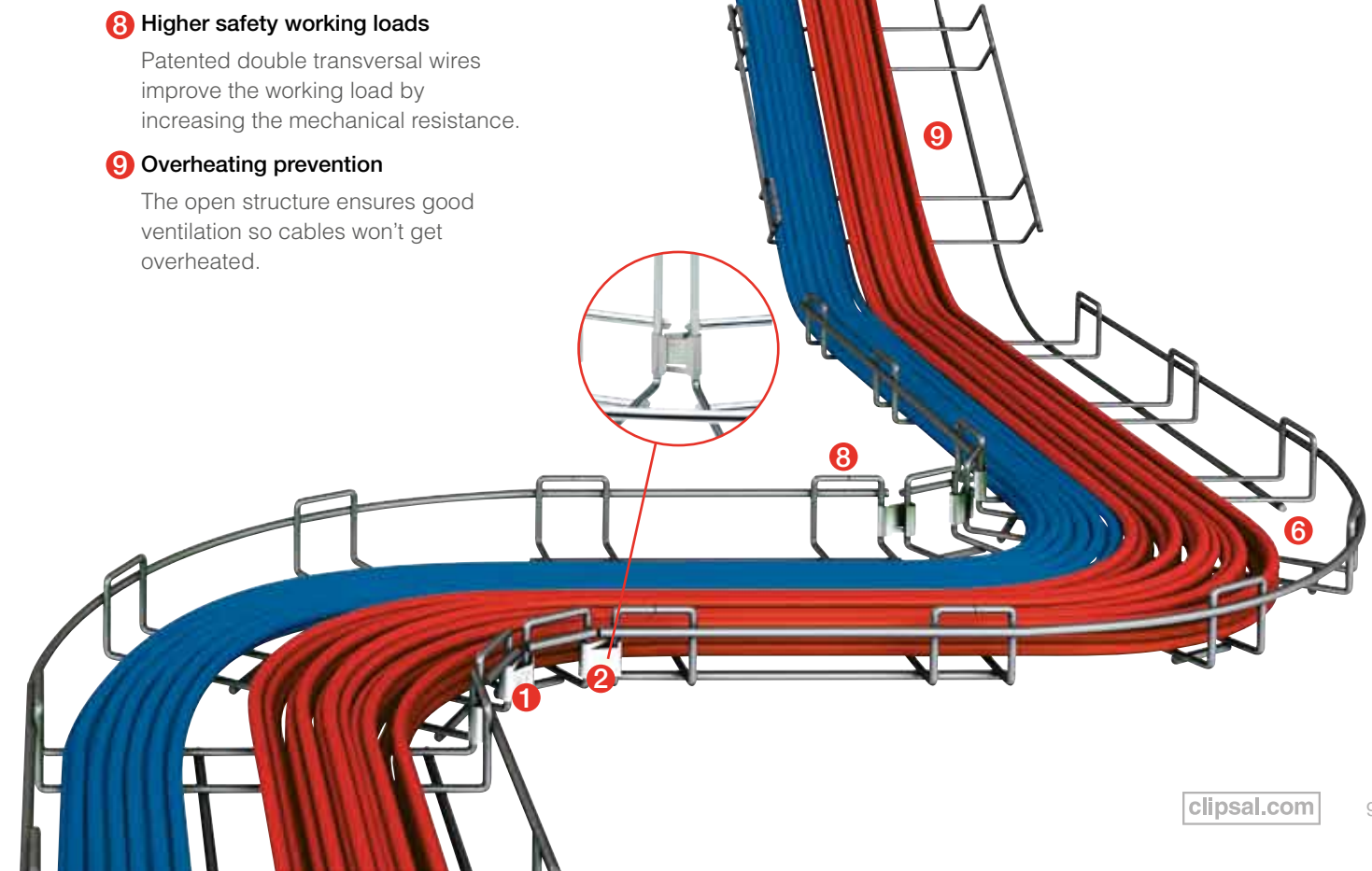
Performa Mesh Tray

Product Information

Another Hot Performa Advantage – Certified Fire Protection

Performa Mesh products have been fire resistance tested. Mesh trays and accessories, in combination with appropriate fire resistant cables, can withstand 90 minutes in temperatures up to 1000° without collapsing, and the electrical performance still remaining intact.

These products are recommended in well attended public areas, such as hospitals, airports and schools.
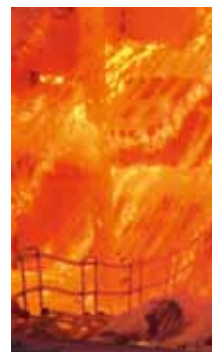
During the test
Performa Mesh system with 30 and 90 minute rated cables. Chains (ballast) have been added to achieve a load of 10kg per 1.2m support distance.

After the test
Performa Mesh system after 90 minutes of fire test. The electrical performance is still intact.

The Importance of Fire Resistance

The more resistant these mesh trays are to fire, the longer the electric system will be able to operate normally. If it doesn't operate normally, it's very likely that critical emergency services, such as fire suppression systems, emergency lighting, ventilation and other basic installations also stop working.

About the Test

The Performa Mesh products tested exceeded the fire resistance testing requirements, qualifying for the highest level of resistance - 90 minutes withstand. The trays with accessories and 30 and 90 minute rated cables were tested for 90 minutes in a temperature up to 1000°C (in accordance with the conditions of European Standards DIN 4102-12) maintaining circuit integrity against fire.

Performa Mesh is tested and certified for both 30 minutes withstand and 90 minutes withstand. The test was performed and certified by the IBMB institute. IBMB is short for "Institut für Baustoffe, Masivbau und Brandschutz" – a department at the Institute of Technology at the University of Braunschweig in Germany – which for decades has performed public testing to establish fire resistance ratings in Europe.

Performa Mesh Tray

Overall System View

Wall and Floor-Mounted Solutions

0°- 40°
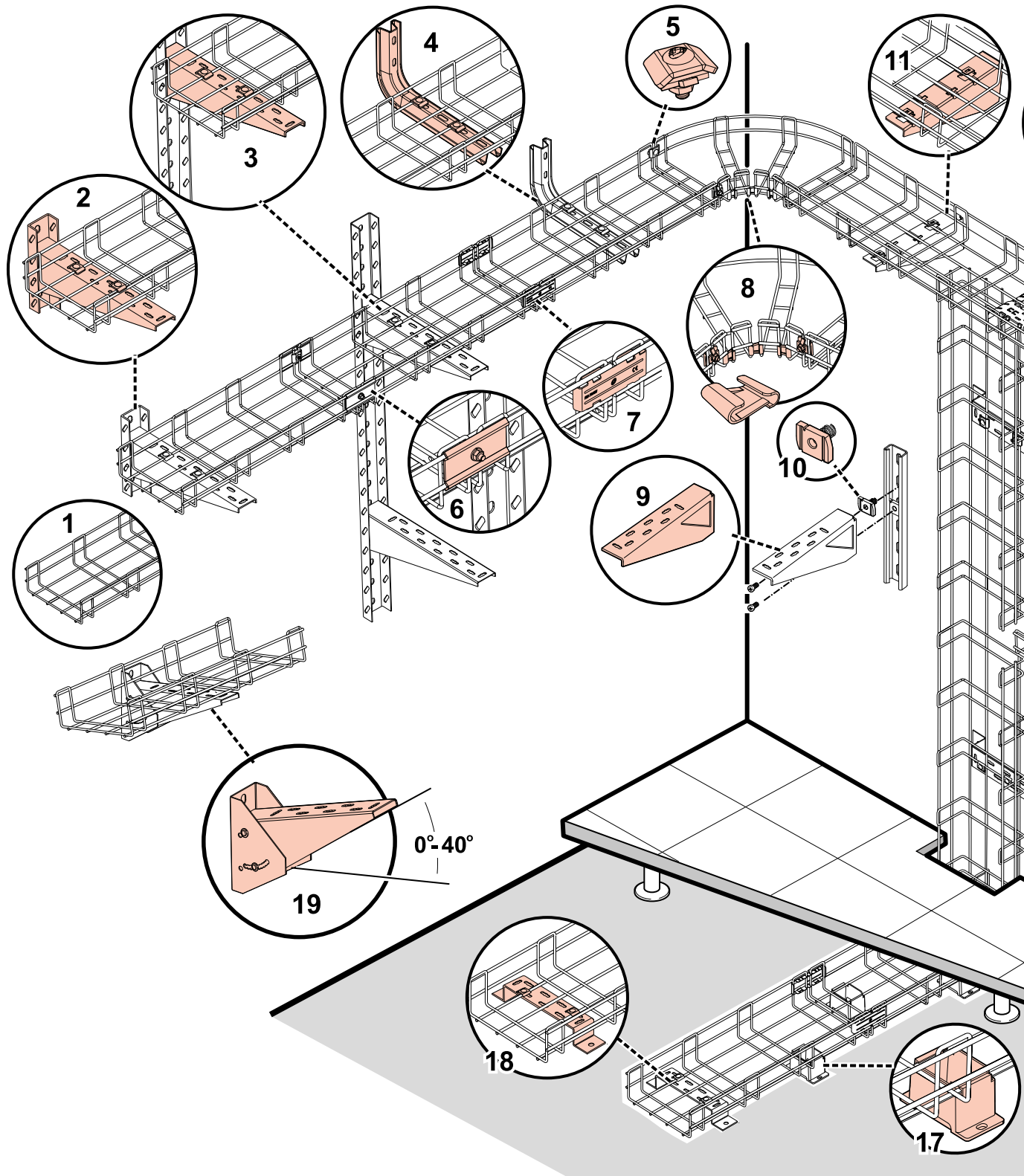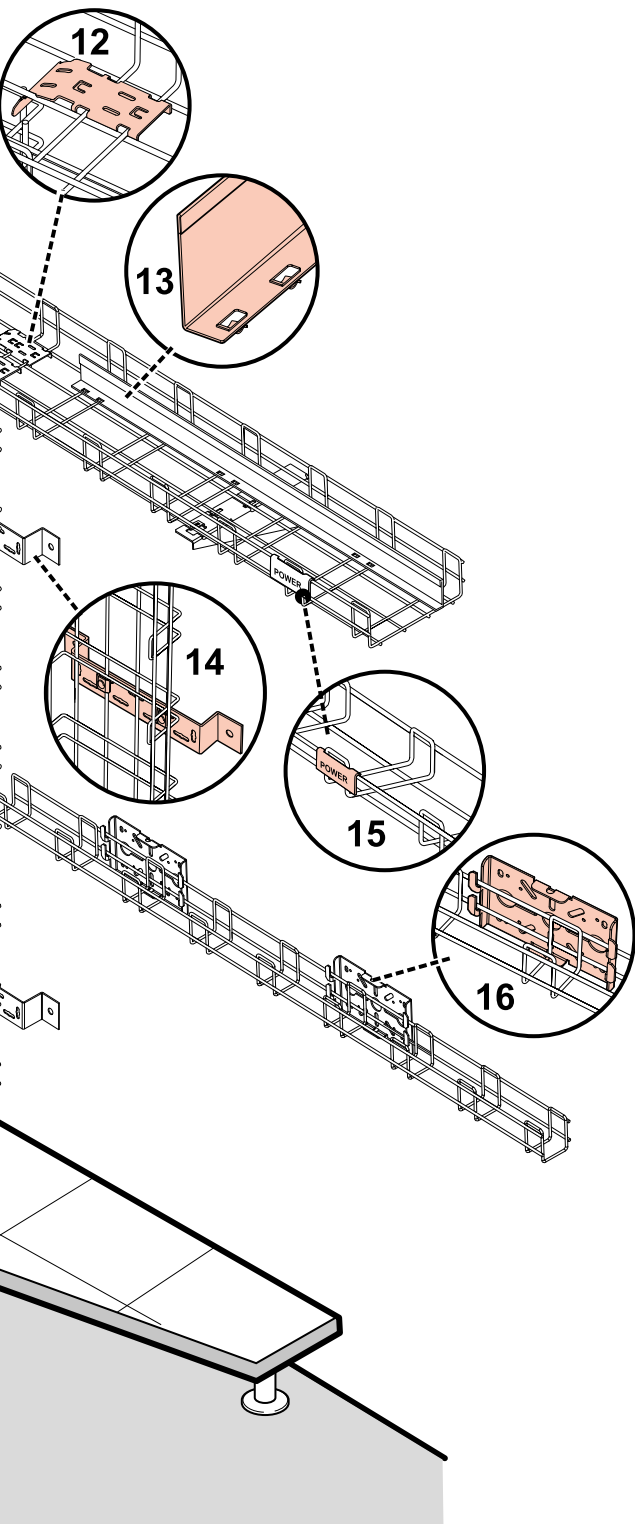
Pages*

	Components	EZ	HDG	SS
1.	Mesh tray	18	30	40
2.	Horizontal bracket set	20	-	-
3.	Pendant bracket + U-profile	21	32	42
4.	Horizontal bracket Omega	20	-	-
5.	Coupler	19	31	41
6.	Side coupler	19	31	41
7.	Fast coupler 35, 70, 105	19	31	41
8.	Locking clip for flat bends	25	35	44
9.	Horizontal bracket	20	31	-
10.	Spring-nut + profile 2121/4141	25/26	-	-
11.	Fast-fix horizontal bracket	20	-	-
12.	Cable dropout	27	37	45
13.	Fast fix divider Bolted divider (HDG only)	18 -	- 30	40 -
14.	Vertical/Suspended/Floor bracket	21	32	41
15.	ID label	27	37	45
16.	Support for box + bracket **(double)**	23	33	42
17.	Insulating floor support	24	34	43
18.	Vertical/Suspended/Floor bracket	24	35	43
19.	Adjustable bracket set	21	-	-

* The accessories are related to the surface treatment of the mesh trays they go with. For detailed information, please refer to the Selection Guide sections (pg. 62).

Performa Mesh Tray

Overall System View

Ceiling Suspended Solutions
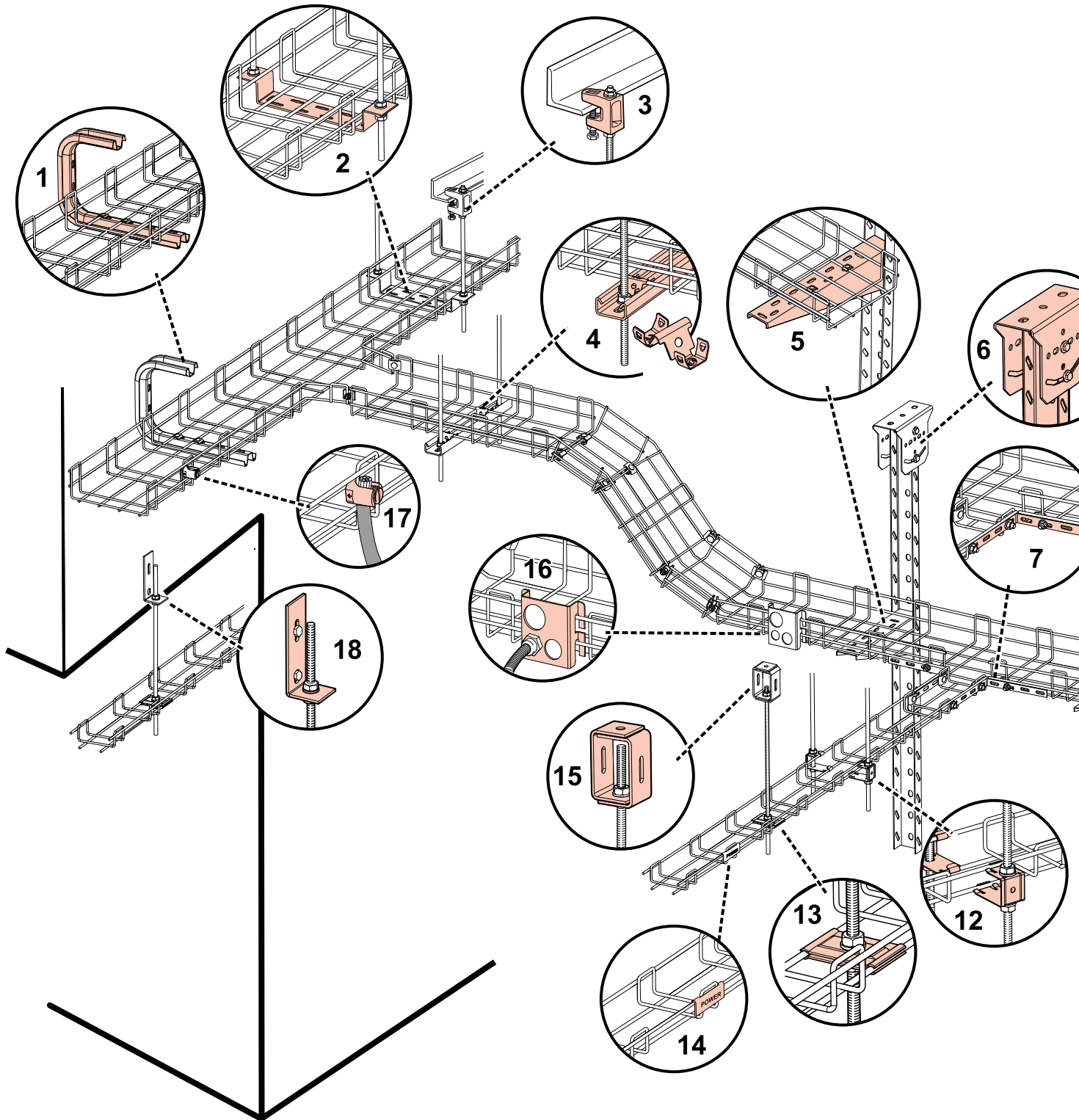
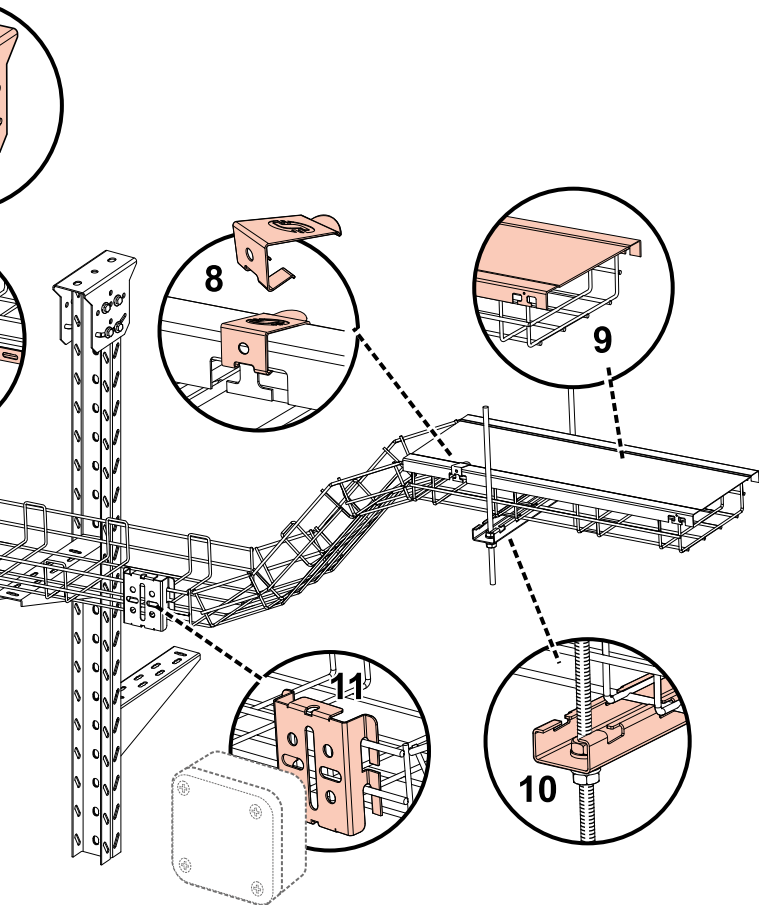|	Components	EZ	HDG	SS
1.	Ceiling bracket Omega	22	-	-
2.	Vertical/Suspended/Floor bracket	22	33	42
3.	Beam clamp	26	-	-
4.	Profile fast fixing + (Profile 21 x 41 / 41 x 41 EZ only)	25	35	44
5.	Pendant bracket	21	32	43
6.	Swivel support	24	34	43
7.	Extendable joint	19	-	41
8.	Cover fixing	19/26	31/36	40/44
9.	Cover	19	30	40
10.	Fast-fix suspended bracket	22	33	-
11.	Support for box + bracket	23	-	42
12.	Fast-fix hanger 35	21	33	42
13.	Central suspension support	23	33	42
14.	ID label	27	37	45
15.	C-shape support	23	33	42
16.	Take-off plate	27	-	-
17.	Earthing clamp	27	-	-
18.	L-shape support	23	34	43

Pages*

* The accessories are related to the surface treatment of the mesh trays they go with. For detailed information, please refer to the Selection Guide sections (pg 62).

Performa Mesh Tray

Electro-Zinc Mesh Tray and Accessories

Introduction
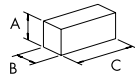
The electro-zinc Performa Mesh Tray is ideal for any indoor installations and non-aggressive atmospheres. The mesh trays are suitable for office buildings and commercial malls. Electro-zinc (according to EN 12329-1) is a process that deposits a thin layer of zinc over the steel through an electro-chemical process, with an additional passivation that gives a typical shiny grey colour. The benefits of this process are control over zinc thickness and smoother surfaces.

Features and Benefits

• Patented double transversal wire design provides higher mechanical resistance, outstanding working load and eliminates the risk of hand injuries.

• Easy to make angles on-site. Simply cut, bend and use the fast-fix locking clips.

• Open structure ensures good ventilation and prevents overheating of cables.

• Complete range of screw-less accessories (no tools required).

• 18 sizes for any cable capacity – widths: 60mm to 600mm, heights: 35mm, 70mm and 105mm.

Performa Mesh Tray

Electro-Zinc Mesh Tray and Accessories

Mesh Trays (Electro-Zinc)

| Type	Dimensions A/B/C (mm)	Qty per package	Cat. No.
Mesh trays, electro-zinc			
Mesh cable tray, length 3m. Plastic ID label with Schneider logo, part number, CE-mark and size attached to one side. Material: Steel (electro-zinc).			
Mesh tray 35 x 100 EZ	35/100/3000	24m	**4511110**
Mesh tray 35 x 150 EZ	35/150/3000	12m	**4511115**
Mesh tray 35 x 200 EZ	35/200/3000	12m	**4511120**
Mesh tray 35 x 300 EZ	35/300/3000	12m	**4511130**
Mesh tray 60 x 60 EZ	60/60/3000	24m	**4511206**
Mesh tray 70 x 100 EZ	70/100/3000	12m	**4511210**
Mesh tray 70 x 150 EZ	70/150/3000	12m	**4511215**
Mesh tray 70 x 200 EZ	70/200/3000	6m	**4511220**
Mesh tray 70 x 300 EZ	70/300/3000	6m	**4511230**
Mesh tray 70 x 400 EZ	70/400/3000	6m	**4511240**
Mesh tray 70 x 500 EZ	70/500/3000	6m	**4511250**
Mesh tray 70 x 600 EZ	70/600/3000	6m	**4511260**
Mesh tray 105 x 200 EZ	105/200/3000	6m	**4511320**
Mesh tray 105 x 300 EZ	105/300/3000	6m	**4511330**
Mesh tray 105 x 400 EZ	105/400/3000	6m	**4511340**
Mesh tray 105 x 500 EZ	105/500/3000	6m	**4511350**
Mesh tray 105 x 600 EZ	105/600/3000	6m	**4511360**
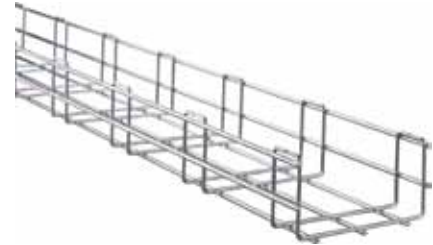
Dividers

|			
Fast-fix dividers			
Fast-fix divider, length 3m, 35, 70 and 105mm high. Fixed to the mesh tray by pulling the flaps at the bottom of the divider into the transversal wires. Can be fixed at any position on the mesh tray. Screw-less. Material: Steel (pre-galvanised).			
Fast-fix divider 35 PG	27/16/3000	24 pce	**4571510**
Fast-fix divider 70 PG	57/16/3000	24 pce	**4571520**
Fast-fix divider 105 PG	76/16/3000	24 pce	**4571530**
Bolted dividers			
Cable-tray divider, length 2 m, for 35, 70 and 105mm high mesh trays. Fixed to the mesh tray by bolted fixings (4561120). With perforated base. Material: Steel (pre-galvanised).			
Cable-tray divider 30 + 35 PG	26/16/2000	20 pce	**4721730**
Cable-tray divider 60 + 70 PG	56/16/2000	20 pce	**4721760**
Cable-tray divider 80 + 105 PG	75/16/2000	20 pce	**4721780**
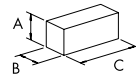
Covers

Type	Dimensions A/B/C (mm)	Qty per package	Cat. No.
Covers for mesh trays			
Mesh tray cover, length 2m. To be fixed to the mesh tray by folding the pre-formed flaps, located on every 500mm on both sides of the cover. Material: Steel (pre-galvanised).			
Mesh tray cover 60 PG	20/60/2000	4 pce	**4541106**
Mesh tray cover 100 PG	20/100/2000	2 pce	**4541110**
Mesh tray cover 150 PG	20/150/2000	2 pce	**4541115**
Mesh tray cover 200 PG	20/200/2000	2 pce	**4541120**
Mesh tray cover 300 PG	20/300/2000	2 pce	**4541130**
Mesh tray cover 400 PG	20/400/2000	2 pce	**4541140**
Mesh tray cover 500 PG	20/500/2000	2 pce	**4541150**
Mesh tray cover 600 PG	20/600/2000	2 pce	**4541160**
Cover fixing			
Cover fixing for mesh trays, for extra fixing of the cover if required (optional). Suitable for all sizes from 60 to 600mm. Direct clip-in. Screw-less. Material: Spring steel (electro-zinc).			
Mesh tray cover fixing EZ	18/15/32	50	**4530800**

Couplers

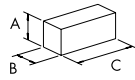| Type	Dimensions A/B/C (mm)	Qty per package	Cat. No.
Fast coupler			
Fast coupler for the coupling of straight elements for 35mm (2 pcs), 70mm (2 pcs) and 105mm (4 pcs) heights. Material: Spring steel (electro-zinc).			
Fast coupler 70 + 105 EZ	10/30/86	30	**4530200**
Fast coupler 35 EZ	12/25/61	30	**4530135**
Red tab rapid coupler			
Rapid coupler 35 EZ	22/141.1	10	**4561170**
Rapid coupler 70 + 105 EZ	30/141.1	10	**4561180**
Couplers with bolt			
Bolted coupler for straight elements on both sides of the mesh tray and as central coupler when required. Also used to form accessories from straight elements. Kit including upper and lower coupler, bolt and nut. Material: Steel (electro-zinc).			
Coupler EZ	27/23.5/27	50	**4561110**
Side couplers			
Side-bolted coupler for the coupling of straight elements. 70 + 105 also suitable for 60 x 60mm mesh tray. Including plate, nut and bolt. Material: Steel (electro-zinc).			
Side coupler 35 EZ	32/—/80	25	**4561200**
Side coupler 70 + 105 EZ	46/—/80	25	**4561205**
Joints			
Extendable joint for coupling of straight elements with a distance between them of up to 300mm. Each unit is supplied with two bolted couplers. Material: Steel (pre-galvanised).			
Extendable joint PG	1/17/300	10	**4561150**

For fire resistant installations with 90 minutes withstand, use the products marked in orange.

Performa Mesh Tray

Electro-Zinc Mesh Tray and Accessories

Wall Support

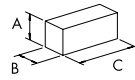| Type	Dimensions A/B/C (mm)	Qty per package	Cat. No.
Fast-fix horizontal brackets			
Fast-fix bracket for wall-mounted horizontal installations. From 100 to 600mm width. Mesh trays are fixed by pulling the wires into the flaps. Extra fixing is provided by folding the flaps with a tool. Screw-less. Material: Steel (pre-galvanised).			
Fast-fix horizontal bracket 100 PG	82/42/144	10	**4550110**
Fast-fix horizontal bracket 150 PG	82/42/194	10	**4550111**
Fast-fix horizontal bracket 200 PG	82/42/244	10	**4550112**
Fast-fix horizontal bracket 300 PG	82/42/344	10	**4550113**
Fast-fix horizontal bracket 400 PG	130/42/444	5	**4550114**
Fast-fix horizontal bracket 500 PG	130/42/544	5	**4550115**
Fast-fix horizontal bracket 600 PG	130/42/644	5	**4550116**
Horizontal brackets			
Horizontal bracket for wall-mounted horizontal installations. From 100 to 600mm width. Mesh tray to be fixed to the bracket by bolted fixings (4561120). Material: Steel (pre-galvanised).			
Horizontal bracket 100 PG	82/42/144	10	**4551110**
Horizontal bracket 150 PG	82/42/194	10	**4551115**
Horizontal bracket 200 PG	82/42/244	10	**4551120**
Horizontal bracket 300 PG	82/42/344	10	**4551130**
Horizontal bracket 400 PG	130/42/444	5	**4551140**
Horizontal bracket 500 PG	130/42/544	5	**4551150**
Horizontal bracket 600 PG	130/42/644	5	**4551160**
Horizontal brackets Ω			
Horizontal bracket Omega for wall-mounted installations. From 100 to 300mm width. Mesh tray fixed to the bracket by bolted fixings (4561120). Supplied with strut. Can be used in combination with Ceiling Bracket Ω 600 PG (CSU4550360) for ceiling suspended installations. Material: Steel (pre-galvanised).			
Horizontal bracket Ω 100 PG	131/50/150	10	**4550310**
Horizontal bracket Ω 150 PG	131/50/200	10	**4550315**
Horizontal bracket Ω 200 PG	131/50/250	10	**4550320**
Horizontal bracket Ω 300 PG	131/50/350	10	**4550330**
Horizontal bracket sets			
Horizontal bracket set for wall-mounted horizontal installations. From 100 to 600mm width. One set includes pendant bracket 200mm U-profile and four bolts for fixing of the bracket to the profile. Mesh tray fixed to the bracket by bolted fixings (4561120). Material: Steel (pre-galvanised).			
Horizontal bracket set 100 PG	200/55/162	2	**4551210**
Horizontal bracket set 150 PG	200/55/212	2	**4551215**
Horizontal bracket set 200 PG	200/55/262	2	**4551220**
Horizontal bracket set 300 PG	200/55/362	2	**4551230**
Horizontal bracket set 400 PG	200/55/462	2	**4551240**
Horizontal bracket set 500 PG	200/55/562	2	**4551250**
Horizontal bracket set 600 PG	200/55/662	2	**4551260**

Wall Support
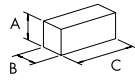
Type	Dimensions A/B/C (mm)	Qty per package	Cat. No.
Vertically mounted brackets			
Bracket for vertical wall-mounted installations. From 100 to 600mm width. Mesh tray to be fixed to bracket by bolted fixings (4561120). Material: Steel (pre-galvanised).			
Vertical/suspended/floor bracket 100 PG	38/50/185	10	**4551310**
Vertical/suspended/floor bracket 150 PG	38/50/235	10	**4551315**
Vertical/suspended/floor bracket 200 PG	38/50/285	10	**4551320**
Vertical/suspended/floor bracket 300 PG	38/50/385	10	**4551330**
Vertical/suspended/floor bracket 400 PG	38/50/485	5	**4551340**
Vertical/suspended/floor bracket 500 PG	38/50/585	5	**4551350**
Vertical/suspended/floor bracket 600 PG	38/50/685	5	**4551360**
Wall-mounted bracket for 35 x 50			
Fast-fix hanger to be used in horizontal wall-mounted installations with a 35 x 50mm mesh tray. Direct clip-in. No tools required, screw-less. Material: Spring steel (electro-zinc).			
Fast-fix hanger 35 EZ	37/29/54	20	**4530400**
Wall-mounted bracket for 60x60			
Clip-on bracket to be used as horizontal wall bracket for 60x60 mm mesh trays. Material: Steel (pre-galvanised).			
Support for box + bracket PG	20/92/72	10	**4571120**
Adjustable bracket sets			
Adjustable bracket set for wall-mounted installations. From 100 to 600mm width. One set includes one bracket, one adjustable support and four screws for fixing of the bracket to the support. Mesh tray fixed to the bracket by bolted fixings (4561120). Material: Steel (pre-galvanised).			
Adjustable bracket set 100 PG	140/55/162	2	**4551510**
Adjustable bracket set 150 PG	140/55/212	2	**4551515**
Adjustable bracket set 200 PG	140/55/262	2	**4551520**
Adjustable bracket set 300 PG	140/55/362	2	**4551530**
Adjustable bracket set 400 PG	140/55/462	2	**4551540**
Adjustable bracket set 500 PG	140/55/562	2	**4551550**
Adjustable bracket set 600 PG	140/55/662	2	**4551560**
U-profile			
U-profile. Fixed to the wall for wall-mounted installations. To be used with pendant brackets. Material: Steel (pre-galvanised).			
U-profile PG	30/55/1000	4m	**4551420**
Pendant brackets			
Pendant bracket from 100 to 600mm width. To be used in combination with U-profile (4551420) for wall-mounted installations. Four bolts (4571110) are required to fix the bracket to the U-profile. Mesh tray fixed to the bracket by bolted fixings (4561120). Material: Steel (pre-galvanised).			
Pendant bracket 100 PG	87/50/160	10	**4551910**
Pendant bracket 150 PG	87/50/210	10	**4551915**
Pendant bracket 200 PG	87/50/260	10	**4551920**
Pendant bracket 300 PG	94/50/360	10	**4551930**
Pendant bracket 400 PG	100/50/460	4	**4551940**
Pendant bracket 500 PG	110/50/560	4	**4551950**
Pendant bracket 600 PG	110/50/660	4	**4551960**

For fire resistant installations with 90 minutes withstand, use the products marked in orange.

Performa Mesh Tray

Electro-Zinc Mesh Tray and Accessories

Ceiling Support

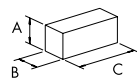| Type	Dimensions A/B/C (mm)	Qty per package	Cat. No.
Fast-fix suspended brackets			
Fast-fix suspended bracket, for ceiling-suspended installations with threaded rods. The mesh tray is fixed by pulling the wires in the flaps, and then folding the flaps with a tool to fix the mesh tray. Screw-less. To ensure the values shown in the chart "Admissible Working-Load on Brackets" on page 48 for 400mm widths and upwards, two brackets must be mounted together back-to-back using bolts (4561120). For the 2000 and 3000mm widths, the threaded rods should be placed all along the brackets, with a maximum distance between them of 950mm. Material: Steel (pre-galvanised).			
Fast-fix suspended bracket 150 PG	20/40/250	6	**4530510**
Fast-fix suspended bracket 200 PG	20/40/300	6	**4530520**
Fast-fix suspended bracket 300 PG	20/40/400	6	**4530530**
Fast-fix suspended bracket 400 PG	20/40/500	6	**4530540**
Fast-fix suspended bracket 500 PG	20/40/600	6	**4530550**
Fast-fix suspended bracket 600 PG	20/40/700	6	**4530560**
Fast-fix suspended bracket 1000 PG	20/40/1000	2 pce	**4530570**
Fast-fix suspended bracket 2000 PG	20/40/2000	2 pce	**4530580**
Fast-fix suspended bracket 3000 PG	20/40/3000	2 pce	**4530590**
Suspended brackets			
Suspension bracket for ceiling-suspended installations with threaded rods. From 100 to 600mm width. Mesh tray fixed to the bracket by bolted fixings (4561120). Material: Steel (pre-galvanised).			
Vertical/suspended/floor bracket 100 PG	38/50/185	10	**4551310**
Vertical/suspended/floor bracket 150 PG	38/50/235	10	**4551315**
Vertical/suspended/floor bracket 200 PG	38/50/285	10	**4551320**
Vertical/suspended/floor bracket 300 PG	38/50/385	10	**4551330**
Vertical/suspended/floor bracket 400 PG	38/50/485	5	**4551340**
Vertical/suspended/floor bracket 500 PG	38/50/585	5	**4551350**
Vertical/suspended/floor bracket 600 PG	38/50/685	5	**4551360**
Ceiling brackets Ω			
Ceiling bracket Omega for direct fixing to the ceiling. From 100 to 300mm width. Mesh tray fixed to the bracket by bolted fixings (4561120). Supplied with strut. 600mm bracket is used as pendant bracket in combination with horizontal brackets Ω. Material: Steel (pre-galvanised).			
Ceiling bracket Ω 100 PG	196/50/153	4	**4550410**
Ceiling bracket Ω 150 PG	196/50/204	4	**4550415**
Ceiling bracket Ω 200 PG	196/50/252	4	**4550420**
Ceiling bracket Ω 300 PG	196/50/357	4	**4550430**

Ceiling Support
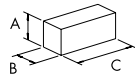
Type	Dimensions A/B/C (mm)	Qty per package	Cat. No.
Heavy-duty suspended brackets			
Bracket for ceiling-suspended installations with threaded rods. From 200 to 600mm width. Mesh tray fixed to the bracket by bolted fixings (4561120). Material: Steel (pre-galvanised).			
Heavy-duty suspended bracket 200 PG	60/41.7/267.5	4	**4551620**
Heavy-duty suspended bracket 300 PG	60/41.7/347.5	4	**4551630**
Heavy-duty suspended bracket 400 PG	60/41.7/467.5	4	**4551640**
Heavy-duty suspended bracket 500 PG	60/41.7/547.5	4	**4551650**
Heavy-duty suspended bracket 600 PG	60/41.7/667.5	4	**4551660**
Suspension supports			
Central suspension support for ceiling-suspended installations with threaded rods. Hole Ø 8.5mm. Recommended for mesh trays up to 300mm width. Not suitable for 60 x 60, 35 x 150 and 70 x 150mm mesh trays. Material: Steel (electro-zinc).			
Central suspension support EZ	40/4/60	30	**4551430**
Fast-fix hanger			
Fast-fix hanger for 35mm high mesh trays. For ceiling-suspended installations with threaded rods. Direct clip-in on one side of the mesh tray. No tools required, screw-less. Material: Spring steel (electro-zinc).			
Fast-fix hanger 35 EZ	37/29/54	20	**4530400**
Side suspension brackets			
Clip-on bracket to be used for ceiling-suspended installations of 60, 70 and 105mm high mesh trays with threaded rods. Material: Steel (pre-galvanised).			
Support for box + bracket PG	20/72/92	10	**4571120**
Support for box + bracket, double, PG	20/100/182	5	**4571130**
C-shape support			
C-shape support for ceiling-suspended installation. To be used together with threaded rods. Material: Steel (pre-galvanised).			
C-shape support PG	70/39/36	10	**4551440**
L-shape support			
L-shape support for suspended installations with threaded rods. Material: Steel (pre-galvanised).			
L-shape support PG	104/39/36	10	**4551450**
Support extension			
Support extension for horizontal brackets mounted in combination with ceiling-suspended threaded rods. Intended for extra support of the horizontal bracket at high load requirements. Material: Steel (pre-galvanised).			
Support extension M10	20/25/140	10	**4551992**
Threaded rods			
Threaded rod for ceiling-suspended installations, used with suspension support and brackets. Supplied with nuts and washers. Material: Steel (pre-galvanised).			
Threaded rod M6 x 1m PG	M6/1000	10	**4551467**
Threaded rod M8 x 0.5m PG	M8/500	10	**4551470**
Threaded rod M8 x 1m PG	M8/1000	10	**4551480**

For fire resistant installations with 90 minutes withstand, use the products marked in orange.

Performa Mesh Tray

Electro-Zinc Mesh Tray and Accessories

Ceiling Support

Type	Dimensions A/B/C (mm)	Qty per package	Cat. No.
Rod connectors			
Rod connector intended to join two threaded rods in ceiling-suspended installation. Material: Steel (pre-galvanised).			
Rod connector M6 PG	M6/30	50	**4551481**
Rod connector M8 PG	M8/30	50	**4551482**
Swivel pendant support			
Swivel pendant support for ceiling-suspended installations in combination with U-profile (4551420) and pendant bracket. Requires four bolts (4571110) for fixing of the U-profile. Material: Steel (pre-galvanised).			
Swivel pendant support PG	116/150/60	4	**4551410**
U-profile			
U-profile. For ceiling-suspended installations in combination with swivel pendant support (4551410) and pendant brackets. Material: Steel (pre-galvanised).			
U-profile PG	30/55/1000	4m	**4551420**
Pendant brackets, pre-galvanised			
Pendant bracket from 100 to 600mm width. To be used in combination with U-profile (4551420) and swivel pendant support (4551410) for ceiling-suspended installations. Four bolts (4571110) are required to fix the bracket to the U-profile. Mesh tray fixed to the bracket by bolted fixings (4561120). Material: Steel (pre-galvanised).			
Pendant bracket 100 PG	87/50/160	10	**4551910**
Pendant bracket 150 PG	87/50/210	10	**4551915**
Pendant bracket 200 PG	87/50/260	10	**4551920**
Pendant bracket 300 PG	94/50/360	10	**4551930**
Pendant bracket 400 PG	100/50/460	4	**4551940**
Pendant bracket 500 PG	110/50/560	4	**4551950**
Pendant bracket 600 PG	110/50/660	4	**4551960**

Floor Support

Type	Dimensions A/B/C (mm)	Qty per package	Cat. No.
Insulating support			
Insulating support for floor installations. Suitable for all mesh trays except 60x60mm. The mesh tray is fixed by clipping wires into the support. Maximum recommended span between supports: 1m. Material: PA 6.6 (colour Black).			
Insulating floor support	45/44.5/85	20	**4571700**
Floor-mounted brackets			
Bracket for floor-mounted installations in raised floors. The bracket is used as a raiser. Mesh tray fixed to the bracket by bolted fixings (4561120). Material: Steel (pre-galvanised).			
Vertical/suspended/floor bracket 100 PG	38/50/185	10	**4551310**
Vertical/suspended/floor bracket 150 PG	38/50/235	10	**4551315**
Vertical/suspended/floor bracket 200 PG	38/50/285	10	**4551320**
Vertical/suspended/floor bracket 300 PG	38/50/385	10	**4551330**
Vertical/suspended/floor bracket 400 PG	38/50/485	5	**4551340**
Vertical/suspended/floor bracket 500 PG	38/50/585	5	**4551350**
Vertical/suspended/floor bracket 600 PG	38/50/685	5	**4551360**

Profiles

Type	Dimensions A/B/C (mm)	Qty per package	Cat. No.
Perforated profiles			
Perforated profile, wall or ceiling mounted, length 2m. To be used with reinforced or rectangular nuts for fixing brackets or threaded rods. Material: Steel (pre-galvanised or electro-zinc).			
Perforated profile 2040 EZ	20/40/2000	20m	**2511220**
Perforated profile 2141 PG	21/41/2000	8m	**2511230**
Perforated profile 4141 PG	41/41/2000	4m	**2511231**
Perforated profile 2350 Ω PG	23/50/2000	4m	**2511240**

Fixing Accessories

Type	Dimensions A/B/C (mm)	Qty per package	Cat. No.
Locking clip			
Locking clip for fast-fixing of the transversal wires of a mesh tray, once it has been cut to form flat bends. Material: Spring steel (electro-zinc).			
Locking clip for flat bend EZ	6/18/21	50	**4530900**
Profile fast-fixings			
Fast-fixing intended to fix mesh trays to profiles 21 x 41 and 41 x 41. Specific design for 60 x 60mm mesh tray. Direct clip-in. No tools required, screw-less. Suitable only for horizontal installations. Material: Spring steel (electro-zinc).			
Profile fast-fixing EZ	29/51/19	50	**4530300**
Profile fast-fixing 6060 EZ	54/68/34	25	**4530100**
Fixings			
Fixing device for fixing of the mesh trays to brackets. Material: Steel (electro-zinc).			
Fixing EZ	23.5/23.5	50	**4561120**
Bolts			
Bolt for the fixing of swivel supports and pendant brackets to U-profile and of brackets to mounting profiles, together with rectangular or reinforced nuts. Material: Steel (electro-zinc).			
Bolt M6x20 EZ	23.5/13.5	50	**4571110**
Bolt M6x12 EZ	23.5/13.5	50	**4721912**
Pin-bolt for fast-fixing of pendant bracket to U-profile and of U-profile to swivel support. Material: Steel (electro-zinc).			
Pin-bolt M6x70 EZ	M6/70	10	**4571115**
Rectangular nuts			
Rectangular nut for the fixing of brackets to mounting profiles 20x40 using bolts. Material: Steel (electro-zinc).			
Rectangular nut M6	20/05/1936	100	**1506150**
Rectangular nut M8	20/05/1936	100	**1506155**

For fire resistant installations with 90 minutes withstand, use the products marked in orange.

Performa Mesh Tray

Electro-Zinc Mesh Tray and Accessories

Fixing Accessories

Type	Dimensions A/B/C (mm)	Qty per package	Cat. No.
Reinforced nuts and spring nuts			
Reinforced nut for the fixing of brackets and threaded rods to mounting profiles 21 x 41 and 41 x 41 using bolts. Material: Steel (electro-zinc).			
Reinforced nut M6	6/20/35	10	**2521706**
Reinforced nut M8	6/20/35	10	**2521708**
Reinforced nut M10	6/20/35	10	**2521710**
Reinforced spring-nut for the fixing of brackets and threaded rods to mounting profiles 21 x 41 and 41 x 41 using bolts. Short spring for 21 x 41 profile, long for 41 x 41 profile. Material: Steel (electro-zinc).			
Reinforced spring-nut, short M6	17/20/35	10	**2521716**
Reinforced spring-nut, short M8	17/20/35	10	**2521718**
Reinforced spring-nut, short M10	24/20/35	10	**2521720**
Reinforced spring-nut, long M6	37/20/35	10	**2521726**
Reinforced spring-nut, long M8	37/20/35	10	**2521728**
Reinforced spring-nut, long M10	37.5/20/35	10	**2521730**
Beam clamps			
Beam clamp for suspended installations. To be used together with threaded rods M8 or M10. Material: Steel (electro-zinc).			
Beam clamp M8 EZ	36/38/18	10	**4571408**
Beam clamp M10 EZ	41.5/44.5/21	10	**4571410**
Beam clamp for suspended installations from the side of a beam. To be used together with threaded rods M6 or M8. Material: Steel (phosphate zinc).			
Beam clamp, horizontal M6 PZ	50/46/40	20	**4571416**
Beam clamp, horizontal M8 PZ	50/46/40	20	**4571418**
Beam clamp for suspended installations from the top of a beam. To be used together with threaded rods M6 or M8. Material: Steel (phosphate zinc).			
Beam clamp, vertical M6 PZ	92/33/19	20	**4571436**
Beam clamp, vertical M8 PZ	92/33/19	20	**4571438**
Cover fixing			
Cover fixing for mesh trays, for extra fixing of the cover if required (optional). Suitable for all sizes from 60 to 600mm. Direct clip-in. Screw-less. Material: Spring steel (electro-zinc).			
Mesh tray cover fixing EZ	18/15/32	50	**4530800**
Supports for derivation box			
Clip-on bracket to be used for fixing of a derivation box in 60, 70 and 105mm high mesh trays. Material: Steel (pre-galvanised).			
Support for box + bracket PG	20/72/92	10	**4571120**
Support for box + bracket, double, PG	20/100/182	5	**4571130**
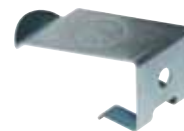
Other Accessories

Type	Dimensions A/B/C (mm)	Qty per package	Cat. No.
Take-off plate			
Take-off plate for pipes M20, 25 and 32. Fixed to the side of the mesh tray and by folding the flaps with a screw-driver. Screw-less. For 60, 70 and 105mm high trays. Material: Steel (pre-galvanised).			
Take-off plate M20-25-32 PG	85/146	10	**4571315**
Cable drop-out			
Cable drop-out to be directly clipped-in on all sizes of mesh tray except 60x60mm. Fixed by folding a flap at the bottom with a screw-driver. Screw-less. Material: Steel (electro-zinc).			
Cable drop-out EZ	50/37/111	10	**4530700**
Earthing clamp			
Earthing clamp for Earthing of the installation to comply with safety requirements. Fixed to the wires on the side of the mesh trays. Admits cables from 16 to 70mm². Material: Brass (electrolytical nickel coating).			
Earthing clamp EZ	85/107/24	10	**4571310**
Marking			
ID-label, blank, suitable for all cable trays. Can be placed on the side or at the bottom of the tray for identification. Material: PC/ABS (colour: White).			
ID-label	30/100	25	**4551485**
Cutting tool			
Bolt cropper for cutting and forming of accessories from straight elements. Suitable for all sizes and finishes.			
Bolt cropper	130/470	1	**4580110**

For fire resistant installations with 90 minutes withstand, use the products marked in orange.

Performa Mesh Tray

Hot-Dip Galvanised Mesh Tray and Accessories

Introduction

The hot-dip galvanised Performa Mesh Tray is ideal for any indoor or outdoor installations and aggressive atmospheres. The mesh trays are suitable for tunnels and underground installations. Hot-dip galvanisation (EN ISO 1461) is the process of coating steel with a zinc layer, by passing the steel through a molten bath of zinc at a temperature of more than 400°C. The result is a surface treatment that protects the steel from environmental elements.

Features and Benefits

- Patented double transversal wire design provides higher mechanical resistance, outstanding working load and eliminates the risk of hand injuries.

- Easy to make angles on-site. Simply cut, bend and use the fast-fix locking clips.

- Open structure ensures good ventilation and prevents overheating of cables.

- Complete range of screw-less accessories – no tools required.

- 18 sizes for any cable capacity – widths: 60mm to 600mm, heights: 35mm, 70mm and 105mm.

Performa Mesh Tray

Hot-Dip Galvanised Mesh Tray and Accessories

Mesh Trays (Hot-Dip Galvanised)

Type	Dimensions A/B/C (mm)	Qty per package	Cat. No.
Mesh trays (hot-dip galvanised)			
Mesh cable tray, length 3 m. Plastic ID label with Schneider logo, part number, CE-mark and size attached to one side. Material: Steel (hot-dip galvanised).			
Mesh tray 35 x 100 HDG	35/100/3000	24m	**4512110**
Mesh tray 35 x 150 HDG	35/150/3000	12m	**4512115**
Mesh tray 35 x 200 HDG	35/200/3000	12m	**4512120**
Mesh tray 35 x 300 HDG	35/300/3000	12m	**4512130**
Mesh tray 60 x 60 HDG	60/60/3000	24m	**4512206**
Mesh tray 70 x 100 HDG	70/100/3000	12m	**4512210**
Mesh tray 70 x 150 HDG	70/150/3000	12m	**4512215**
Mesh tray 70 x 200 HDG	70/200/3000	6m	**4512220**
Mesh tray 70 x 300 HDG	70/300/3000	6m	**4512230**
Mesh tray 70 x 400 HDG	70/400/3000	6m	**4512240**
Mesh tray 70 x 500 HDG	70/500/3000	6m	**4512250**
Mesh tray 70 x 600 HDG	70/600/3000	6m	**4512260**
Mesh tray 105 x 200 HDG	105/200/3000	6m	**4512320**
Mesh tray 105 x 300 HDG	105/300/3000	6m	**4512330**
Mesh tray 105 x 400 HDG	105/400/3000	6m	**4512340**
Mesh tray 105 x 500 HDG	105/500/3000	6m	**4512350**
Mesh tray 105 x 600 HDG	105/600/3000	6m	**4512360**

Dividers

Type	Dimensions A/B/C (mm)	Qty per package	Cat. No.
Bolted dividers			
Cable-tray divider, length 2m, for 35, 70 and 105mm high mesh trays. Fixed to the mesh tray by bolted fixings (4562120). With perforated base. Material: Steel (hot-dip galvanised).			
Cable-tray divider 30 + 35 HDG	26/16/2000	20m	**4722730**
Cable-tray divider 60 + 70 HDG	56/16/2000	20m	**4722760**
Cable-tray divider 80 + 105 HDG	75/16/2000	20m	**4722780**

Covers

Type	Dimensions A/B/C (mm)	Qty per package	Cat. No.
Covers for mesh trays (hot-dip galvanised)			
Mesh tray cover, length 2m. To be fixed to the mesh tray by folding the pre-formed flaps, located on every 500mm on both sides of the cover. Material: Steel (hot-dip galvanised).			
Mesh tray cover 60 HDG	20/60/2000	4 pce	**4542106**
Mesh tray cover 100 HDG	20/100/2000	2 pce	**4542110**
Mesh tray cover 150 HDG	20/150/2000	2 pce	**4542115**
Mesh tray cover 200 HDG	20/200/2000	2 pce	**4542120**
Mesh tray cover 300 HDG	20/300/2000	2 pce	**4542130**
Mesh tray cover 400 HDG	20/400/2000	2 pce	**4542140**
Mesh tray cover 500 HDG	20/500/2000	2 pce	**4542150**
Mesh tray cover 600 HDG	20/600/2000	2 pce	**4542160**
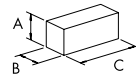
Covers

Type	Dimensions A/B/C (mm)	Qty per package	Cat. No.
Cover fixing			
Cover fixing for mesh trays, for extra fixing of the cover if required (optional). Suitable for all sizes from 60 to 600mm. Direct clip-in. Screw-less. Material: Spring steel (lamellar zinc).			
Mesh tray cover fixing LZ	18/15/32	50	**4532800**

Couplers

Type	Dimensions A/B/C (mm)	Qty per package	Cat. No.
Fast coupler			
Fast coupler for the coupling of straight elements for 35mm (2 pcs), 70mm (2 pcs) and 105mm (4 pcs) heights. Material: Spring steel (lamellar zinc).			
Fast coupler 70 + 105 LZ	10/30/86	30	**4532200**
Fast coupler 35 LZ	12/25/61	30	**4532135**
Red tab rapid coupler			
Rapid coupler 35 BC	22/141.1	10	**4566170**
Rapid coupler 70 + 105 BC	30/141.1	10	**4566180**
Couplers with bolt			
Bolted coupler for straight elements on both sides of the mesh tray and as central coupler when required. Also used to form accessories from straight elements. Kit including upper and lower coupler, bolt and nut. Material: Steel (hot-dip galvanised).			
Coupler HDG	27/23.5/27	50	**4562110**
Side Couplers			
Side-bolted coupler for the coupling of straight elements. 70 + 105 also suitable for 60 x 60mm mesh tray. Including plate, nut and bolt. Material: Steel (hot-dip galvanised).			
Side coupler 35 HDG	32/—/80	25	**4562200**
Side coupler 70 + 105 HDG	46/—/80	25	**4562205**

Wall Support

Type	Dimensions A/B/C (mm)	Qty per package	Cat. No.
Horizontal brackets (hot-dip galvanised)			
Horizontal bracket for wall-mounted horizontal installations. From 100 to 600mm width. Mesh tray to be fixed to the bracket by bolted fixings (4562120). Material: Steel (hot-dip galvanised).			
Horizontal bracket 100 HDG	82/42/144	10	**4552110**
Horizontal bracket 150 HDG	82/42/194	10	**4552115**
Horizontal bracket 200 HDG	82/42/244	10	**4552120**
Horizontal bracket 300 HDG	82/42/344	10	**4552130**
Horizontal bracket 400 HDG	130/42/444	5	**4552140**
Horizontal bracket 500 HDG	130/42/544	5	**4552150**
Horizontal bracket 600 HDG	130/42/644	5	**4552160**

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Performa Mesh Tray

Hot-Dip Galvanised Mesh Tray and Accessories
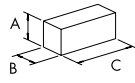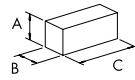
Wall Support

Type	Dimensions A/B/C (mm)	Qty per package	Cat. No.
Vertically mounted brackets (hot-dip galvanised)			
Bracket for vertical wall-mounted installations. Mesh tray to be fixed to bracket using bolted fixings (4562120). From 100 to 600mm width. Material: Steel (hot-dip galvanised).			
Vertical/suspended/floor bracket 100 HDG	38/50/185	10	**4552310**
Vertical/suspended/floor bracket 150 HDG	38/50/235	10	**4552315**
Vertical/suspended/floor bracket 200 HDG	38/50/285	10	**4552320**
Vertical/suspended/floor bracket 300 HDG	38/50/385	10	**4552330**
Vertical/suspended/floor bracket 400 HDG	38/50/485	5	**4552340**
Vertical/suspended/floor bracket 500 HDG	38/50/585	5	**4552350**
Vertical/suspended/floor bracket 600 HDG	38/50/685	5	**4552360**
U-profiles			
U-profile. Fixed to the wall for wall-mounted installations. To be used with pendant brackets. Material: Steel (hot-dip galvanised).			
U-profile HDG	30/55/1000	4m	**4552420**
Pendant brackets (hot-dip galvanised)			
Pendant bracket from 100 to 600mm width. To be used in combination with U-profile (4552420) for wall-mounted installations. Four bolts (4572110) are required to fix the bracket to the U-profile. Mesh tray fixed to the bracket by bolted fixings (4562120). Material: Steel (hot-dip galvanised).			
Pendant bracket 100 HDG	87/50/160	10	**4552910**
Pendant bracket 150 HDG	87/50/210	10	**4552915**
Pendant bracket 200 HDG	87/50/260	10	**4552920**
Pendant bracket 300 HDG	94/50/360	10	**4552930**
Pendant bracket 400 HDG	100/50/460	4	**4552940**
Pendant bracket 500 HDG	110/50/560	4	**4552950**
Pendant bracket 600 HDG	110/50/660	4	**4552960**

Ceiling Support

Type	Dimensions A/B/C (mm)	Qty per package	Cat. No.
Fast-fix suspended brackets			
Fast-fix suspended bracket, for ceiling-suspended installations with threaded rods. The mesh tray is fixed by pulling the wires in the flaps, and then folding the flaps with a tool to fix the mesh tray. Screw-less. To ensure the values shown in the chart "Admissible Working-Load on Brackets" on page 48 for 400mm widths and upwards, two brackets must be mounted together back-to-back using bolts (4562120). For the 2000 and 3000mm widths, the threaded rods should be placed all along the brackets, with a maximum distance between them of 950mm. Material: Steel (hot-dip galvanised).			
Fast-fix suspended bracket 150 HDG	20/40/250	6	4532510
Fast-fix suspended bracket 200 HDG	20/40/300	6	4532520
Fast-fix suspended bracket 300 HDG	20/40/400	6	4532530
Fast-fix suspended bracket 400 HDG	20/40/500	6	4532540
Fast-fix suspended bracket 500 HDG	20/40/600	6	4532550
Fast-fix suspended bracket 600 HDG	20/40/700	6	4532560
Fast-fix suspended bracket 1000 HDG	20/40/1000	2 pce	4532570
Fast-fix suspended bracket 2000 HDG	20/40/2000	4 pce	4532580
Fast-fix suspended bracket 3000 HDG	20/40/3000	6 pce	4532590
Suspended brackets (hot-dip galvanised)			
Suspension bracket for ceiling-suspended installations with threaded rods. From 100 to 600mm width. Mesh tray fixed to the bracket by bolted fixings (4562120). Material: Steel (hot-dip galvanised).			
Vertical/suspended/floor bracket 100 HDG	38/50/185	10	4552310
Vertical/suspended/floor bracket 150 HDG	38/50/235	10	4552315
Vertical/suspended/floor bracket 200 HDG	38/50/285	10	4552320
Vertical/suspended/floor bracket 300 HDG	38/50/385	10	4552330
Vertical/suspended/floor bracket 400 HDG	38/50/485	5	4552340
Vertical/suspended/floor bracket 500 HDG	38/50/585	5	4552350
Vertical/suspended/floor bracket 600 HDG	38/50/685	5	4552360
Suspension supports			
Central suspension support for ceiling-suspended installations with threaded rods. Hole Ø 8.5mm. Recommended for mesh trays up to 300mm width. Not suitable for 60 x 60, 35 x 150 and 70 x 150mm mesh trays. Material: Steel (hot-dip galvanised).			
Central suspension support HDG	4/40/60	30	4552430
Fast-fix hanger			
Fast-fix hanger for 35mm high mesh trays. For ceiling-suspended installations with threaded rods. Direct clip-in on one side of the mesh tray. No tools required, screw-less. Material: Spring steel (lamellar zinc).			
Fast-fix hanger 35 LZ	37/29/54	20	4532400
Side suspension brackets			
Clip-on bracket to be used for ceiling-suspended installations of 60, 70 and 105mm high mesh trays with threaded rods. Material: Steel (hot-dip galvanised or stainless).			
Support for box + bracket, double, SS	20/100/182	5	4575130
C-shape supports			
C-shape support for ceiling-suspended installation. To be used together with threaded rods. Material: Steel (hot-dip galvanised).			
C-shape support HDG	70/39/36	10	4552440

For fire resistant installations with 90 minutes withstand, use the products marked in orange.

Performa Mesh Tray

Hot-Dip Galvanised Mesh Tray and Accessories
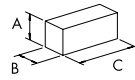
Ceiling Support

Type	Dimensions A/B/C (mm)	Qty per package	Cat. No.
L-shape supports			
L-shape support for suspended installations with threaded rods. Material: Steel (hot-dip galvanised).			
L-shape support HDG	104/39/36	10	**4552450**
Threaded rods			
Threaded rod for ceiling-suspended installations, used with suspension support and brackets. Supplied with nuts and washers. Material: Stainless steel.			
Threaded rod M8 x 0.5m SS	M8/500	10	**4555470**
Threaded rod M8 x 1m SS	M8/1000	10	**4555480**
Swivel pendant supports			
Swivel pendant support for ceiling-suspended installations with a U-profile and pendant brackets. Four bolts are required for fixing of the U-profile. Material: Steel (hot-dip galvanised).			
Swivel pendant support HDG	116/150/60	4	**4552410**
U-profiles			
U-profile. For ceiling-suspended installations with swivel support and pendant brackets. Material: Steel (hot-dip galvanised).			
U -profile HDG	30/55/1000	4m	**4552420**
Pendant brackets (hot-dip galvanised)			
Pendant bracket from 100 to 600mm width. To be used in combination with U-profile (4552420) and swivel pendant support (4552410) for ceiling-suspended installations. Four bolts (4572110) are required to fix the bracket to the U-profile. Mesh tray fixed to the bracket by bolted fixings (4562120). Material: Steel (hot-dip galvanised).			
Pendant bracket 100 HDG	87/50/160	10	4552910
Pendant bracket 150 HDG	87/50/210	10	4552915
Pendant bracket 200 HDG	87/50/260	10	**4552920**
Pendant bracket 300 HDG	94/50/360	10	**4552930**
Pendant bracket 400 HDG	100/50/460	4	**4552940**
Pendant bracket 500 HDG	110/50/560	4	4552950
Pendant bracket 600 HDG	110/50/660	4	**4552960**

Floor Support

Type	Dimensions A/B/C (mm)	Qty per package	Cat. No.
Insulating support			
Insulating support for floor installations. Suitable for all mesh trays except 60 x 60mm. The mesh tray is fixed by clipping wires into the support. Maximum recommended span between supports: 1m. Material: PA 6.6 (colour: Black).			
Insulating floor support	45/44.5/85	20	**4571700**
Floor-mounted brackets (hot-dip galvanised)			
Bracket for floor-mounted installations in raised floors. The bracket is used as a raiser. Mesh tray fixed to the bracket by bolted fixings (4562120). Material: Steel (hot-dip galvanised).			
Vertical/suspended/floor bracket 100 HDG	38/50/185	10	**4552310**
Vertical/suspended/floor bracket 150 HDG	38/50/235	10	**4552315**
Vertical/suspended/floor bracket 200 HDG	38/50/285	10	**4552320**
Vertical/suspended/floor bracket 300 HDG	38/50/385	10	**4552330**
Vertical/suspended/floor bracket 400 HDG	38/50/485	5	**4552340**
Vertical/suspended/floor bracket 500 HDG	38/50/585	5	**4552350**
Vertical/suspended/floor bracket 600 HDG	38/50/685	5	**4552360**

Fixing Accessories

Type	Dimensions A/B/C (mm)	Qty per package	Cat. No.
Locking clip			
Locking clip for fast-fixing of the transversal wires of a mesh tray, once it has been cut to form flat bends. Material: Spring steel (lamellar zinc).			
Locking clip for flat bend LZ	6/18/21	50	**4532900**
Profile fast-fixings			
Fast-fixing intended to fix mesh trays to profiles 21 x 41 and 41 x 41. Specific design for 60 x 60mm mesh tray. Direct clip-in. No tools required, screw-less. Suitable only for horizontal installations. Material: Spring steel (lamellar zinc).			
Profile fast-fixing LZ	29/51/19	50	**4532300**
Profile fast-fixing 6060 LZ	54/68/34	25	**4532100**
Fixings			
Fixing device for fixing of the mesh trays to brackets. Material: Steel (hot-dip galvanised).			
Fixing HDG	23.5/23.5	50	**4562120**

For fire resistant installations with 90 minutes withstand, use the products marked in orange.

Performa Mesh Tray

Hot-Dip Galvanised Mesh Tray and Accessories

Fixing Accessories

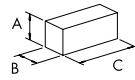| Type	Dimensions A/B/C (mm)	Qty per package	Cat. No.
Bolts			
Bolt for the fixing of swivel supports and pendant brackets to U-profile, as well as fast-fix suspended brackets back to back, if required. Material: Steel (stainless or lamellar zinc).			
Bolt M6 x 12 SS	23.5/13.5	50	**4725912**
Bolt M6 x 20 SS	23.5/13.5	50	**4575110**
Bolt M8 x 20 SS	23.5/13.5	50	**4326605**
Bolt M6 x 12 LZ	15.5/13.5	50	**4722912**
Bolt M6 x 20 LZ	23.5/13.5	50	**4572110**
Pin-bolt for fast-fixing of pendant bracket to U-profile and of U-profile to swivel support.			
Pin-bolt M6 x 70 SS	M6/70	10	**4575115**
Reinforced spring-nuts SS	37.5/20/35	10	**MDESZ10**
Cover fixing			
Cover fixing for mesh trays, for extra fixing of the cover if required (optional). Suitable for all sizes from 60 to 600mm. Direct clip-in. Screw-less. Material: Spring steel (lamellar zinc).			
Mesh tray cover fixing LZ	18/15/32	50	**4532800**

Other Accessories

Type	Dimensions A/B/C (mm)	Qty per package	Cat. No.
Cable drop-out			
Cable drop-out to be directly clipped-in on all sizes of mesh tray except 60 x 60mm. Fixed by folding a flap at the bottom with a screw-driver. Screw-less. Material: Steel (lamellar zinc).			
Cable drop-out LZ	50/40/110	10	**4532700**
Earthing clamp			
Earthing clamp for Earthing of the installation to comply with safety requirements. Fixed to the wires on the side of the mesh trays. Admits cables from 16 to 70mm². Material: Brass (electrolytical nickel coating).			
Earthing clamp EZ	85/107/24	10	**4571310**
Marking			
ID-label, blank, suitable for all cable trays. Can be placed on the side or at the bottom of the tray for identification. Material: PC/ABS (colour: White).			
ID-label	30/100	25	**4551485**
Cutting tool			
Bolt cropper for cutting and forming of accessories from straight elements. Suitable for all sizes and finishes.			
Bolt cropper		1	**4580110**

For fire resistant installations with 90 minutes withstand, use the products marked in orange.

Performa Mesh Tray

Stainless Steel Mesh Tray and Accessories

Introduction

The stainless steel Performa Mesh Tray is ideal for harbours, marines and water treatment. It is highly suitable to be used in an environment that is exposed to halogen, chemical industries, acid and alkaline. Stainless steel AISI 304 (EN 10088-2) offers a high resistance to aggressive atmospheres. The pickling and passivation processes taking place after manufacturing improve the degree of protection of the steel.

Features and Benefits

- Patented double transversal wire design provides higher mechanical resistance, outstanding working load and eliminates the risk of hand injuries.

- Easy to make angles on-site. Simply cut, bend and use the fast-fix locking clips.

- Open structure ensures good ventilation and prevents overheating of cables.

- Complete range of screw-less accessories – no tools required.

- 18 sizes for any cable capacity – widths: 60mm to 600mm, heights: 35mm, 70mm and 105mm.

Performa Mesh Tray

Stainless Steel Mesh Tray and Accessories

Mesh Trays (Stainless Steel)

Type	Dimensions A/B/C (mm)	Qty per package	Cat. No.
Mesh trays (stainless steel)			
Mesh cable tray, length 3m. Plastic ID label with Schneider logo, part number, CE-mark and size attached to one side. Material: Stainless steel.			
Mesh tray 35 x 100 SS	35/100/3000	24m	**4515110**
Mesh tray 35 x 150 SS	35/150/3000	12m	**4515115**
Mesh tray 35 x 200 SS	35/200/3000	12m	**4515120**
Mesh tray 35 x 300 SS	35/300/3000	12m	**4515130**
Mesh tray 60 x 60 SS	60/60/3000	24m	**4515206**
Mesh tray 70 x 100 SS	70/100/3000	12m	**4515210**
Mesh tray 70 x 150 SS	70/150/3000	12m	**4515215**
Mesh tray 70 x 200 SS	70/200/3000	6m	**4515220**
Mesh tray 70 x 300 SS	70/300/3000	6m	**4515230**
Mesh tray 70 x 400 SS	70/400/3000	6m	**4515240**
Mesh tray 70 x 500 SS	70/500/3000	6m	**4515250**
Mesh tray 70 x 600 SS	70/600/3000	6m	**4515260**
Mesh tray 105 x 200 SS	105/200/3000	6m	**4515320**
Mesh tray 105 x 300 SS	105/300/3000	6m	**4515330**
Mesh tray 105 x 400 SS	105/400/3000	6m	**4515340**
Mesh tray 105 x 500 SS	105/500/3000	6m	**4515350**
Mesh tray 105 x 600 SS	105/600/3000	6m	**4515360**

Dividers

	Dimensions A/B/C (mm)	Qty per package	Cat. No.
Fast-fix dividers			
Fast-fix divider, length 3m, for 35, 70 and 105mm high mesh trays. Fixed to the mesh tray by pulling the flaps at the bottom of the divider into the transversal wires. Can be fixed at any position on the mesh tray. Screw-less. Material: Stainless steel.			
Fast-fix divider 35 SS	27/16/3000	24m	**4575510**
Fast-fix divider 70 SS	57/16/3000	24m	**4575520**
Fast-fix divider 105 SS	76/16/3000	24m	**4575530**

Covers

	Dimensions A/B/C (mm)	Qty per package	Cat. No.
Covers for mesh trays (stainless steel)			
Mesh tray cover, length 2m. To be fixed to the mesh tray by folding the pre-formed flaps, located on every 500mm on both sides of the cover. Material: Stainless steel.			
Mesh tray cover 60 SS	20/60/2000	4 pce	**4545106**
Mesh tray cover 100 SS	20/100/2000	2 pce	**4545110**
Mesh tray cover 150 SS	20/150/2000	2 pce	**4545115**
Mesh tray cover 200 SS	20/200/2000	2 pce	**4545120**
Mesh tray cover 300 SS	20/300/2000	2 pce	**4545130**
Mesh tray cover 400 SS	20/400/2000	2 pce	**4545140**
Mesh tray cover 500 SS	20/500/2000	2 pce	**4545150**
Mesh tray cover 600 SS	20/600/2000	2 pce	**4545160**
Cover fixing			
Cover fixing for mesh trays, for extra fixing of the cover if required (optional). Suitable for all sizes from 60 to 600mm. Direct clip-in. Screw-less. Material: Spring steel (lamellar zinc).			
Mesh tray cover fixing LZ	18/15/32	50	**4532800**

Couplers

Type	Dimensions A/B/C (mm)	Qty per package	Cat. No.
Fast coupler			
Fast coupler for the coupling of straight elements for 35mm (2 pcs), 70mm (2 pcs) and 105mm (4 pcs) heights. Material: Spring steel (lamellar zinc).			
Fast coupler 70 + 105 LZ	10/30/86	30	**4532200**
Fast coupler 35 LZ	12/25/61	30	**4532135**
Red tab rapid coupler			
Rapid coupler 35 BC	22/141.1	10	**4566170**
Rapid coupler 70 + 105 BC	30/141.1	10	**4566180**
Couplers with bolt			
Bolted coupler for straight elements on both sides of the mesh tray and as central coupler when required. Also used to form accessories from straight elements. Kit including upper and lower coupler, bolt and nut. Material: Stainless steel.			
Coupler SS	27/23.5/27	50	**4565110**
Side-bolted coupler for the coupling of straight elements. 70 + 105 also suitable for 60 x 60mm mesh tray. Including plate, nut and bolt. Material: Stainless steel.			
Side coupler 35 SS	32/—/80	25	**4565200**
Side coupler 70 + 105 SS	46/—/80	25	**4565205**
Joint			
Extendable joint for coupling of elements with a distance between them of up to 300mm. Each unit is supplied with two bolted couplers. Material: Stainless steel.			
Extendable Joint SS	1/17/300	10	**4565150**

Wall Support

Type	Dimensions A/B/C (mm)	Qty per package	Cat. No.
Vertically mounted brackets (stainless steel)			
Horizontal bracket for wall-mounted horizontal installations. From 100 to 600mm width. Mesh tray to be fixed to the bracket by bolted fixings (4565120). Material: Stainless steel.			
Horizontal bracket 100 SS	82/42/144	10	**4555110**
Horizontal bracket 150 SS	82/42/194	10	**4555115**
Horizontal bracket 200 SS	82/42/244	10	**4555120**
Horizontal bracket 300 SS	82/42/344	10	**4555130**
Horizontal bracket 400 SS	130/42/444	5	**4555140**
Horizontal bracket 500 SS	130/42/544	5	**4555150**
Horizontal bracket 600 SS	130/42/644	5	**4555160**
Horizontal brackets (stainless steel)			
Bracket for vertical wall-mounted installations. Mesh tray to be fixed to bracket using bolted fixings (4565120). From 100 to 600mm width. Material: Stainless steel.			
Vertical/suspended/floor bracket 100 SS	38/50/185	10	**4555310**
Vertical/suspended/floor bracket 150 SS	38/50/235	10	**4555315**
Vertical/suspended/floor bracket 200 SS	38/50/285	10	**4555320**
Vertical/suspended/floor bracket 300 SS	38/50/385	10	**4555330**
Vertical/suspended/floor bracket 400 SS	38/50/485	5	**4555340**
Vertical/suspended/floor bracket 500 SS	38/50/585	5	**4555350**
Vertical/suspended/floor bracket 600 SS	38/50/685	5	**4555360**
Wall-mounted bracket for 60 x 60			
Clip-on bracket to be used as horizontal wall bracket for 60 x 60mm mesh trays. Material: Stainless steel.			
Support for box + bracket SS	20/72/92	10	**4575120**

For fire resistant installations with 90 minutes withstand, use the products marked in orange.

Performa Mesh Tray

Stainless Steel Mesh Tray and Accessories

Wall Support

Type	Dimensions A/B/C (mm)	Qty per package	Cat. No.
U-profiles			
U-profile. Fixed to the wall for wall-mounted installations. To be used with pendant brackets. Material: Stainless steel.			
U-profile SS	30/55/1000	4m	**4555420**
Pendant brackets (stainless steel)			
Pendant bracket from 100 to 600mm width. To be used in combination with U-profile (4555420) for wall-mounted installations. Four bolts (4575110) are required to fix the bracket to the U-profile. Mesh tray fixed to the bracket by bolted fixings (4565120). Material: Stainless steel.			
Pendant bracket 100 SS	87/50/160	10	**4555910**
Pendant bracket 150 SS	87/50/210	10	**4555915**
Pendant bracket 200 SS	87/50/260	10	**4555920**
Pendant bracket 300 SS	94/50/360	10	**4555930**
Pendant bracket 400 SS	100/50/460	4	**4555940**
Pendant bracket 500 SS	110/50/560	4	**4555950**
Pendant bracket 600 SS	110/50/660	4	**4555960**

Ceiling Support

Type	Dimensions A/B/C (mm)	Qty per package	Cat. No.
Suspended brackets (stainless steel)			
Suspension bracket for ceiling-suspended installations with threaded rods. From 100 to 600mm width. Mesh tray fixed to the bracket by bolted fixings (4565120). Material: Stainless steel.			
Vertical/suspended/floor bracket 100 SS	38/50/185	10	**4555310**
Vertical/suspended/floor bracket 150 SS	38/50/235	10	**4555315**
Vertical/suspended/floor bracket 200 SS	38/50/285	10	**4555320**
Vertical/suspended/floor bracket 300 SS	38/50/385	10	**4555330**
Vertical/suspended/floor bracket 400 SS	38/50/485	5	**4555340**
Vertical/suspended/floor bracket 500 SS	38/50/585	5	**4555350**
Vertical/suspended/floor bracket 600 SS	38/50/685	5	**4555360**
Suspension supports			
Central suspension support for ceiling-suspended installations with threaded rods. Hole Ø 8.5mm. Recommended for mesh trays up to 300mm width. Not suitable for 60 x 60, 35 x 150 and 70 x 150mm mesh trays. Material: Stainless steel.			
Central suspension support SS	4/40/60	30	**4555430**
Fast-fix hanger			
Fast-fix hanger for 35mm high mesh trays. For ceiling-suspended installations with threaded rods. Direct clip-in on one side of the mesh tray. No tools required, screw-less. Material: Spring steel (lamellar zinc).			
Fast-fix hanger 35 LZ	37/29/54	20	**4532400**
Side suspension brackets			
Clip-on bracket to be used for ceiling-suspended installations of 60, 70 and 105mm high mesh trays with threaded rods. Material: Stainless steel.			
Support for box + bracket SS	20/72/92	10	**4575120**
Support for box + bracket, double, SS	20/100/182	5	**4575130**
C-shape supports			
C-shape support for ceiling-suspended installation. To be used together with threaded rods. Material: Stainless steel.			
C-shape support SS	70/39/36	10	**4555440**

Ceiling Support

Type	Dimensions A/B/C (mm)	Qty per package	Cat. No.
L-shape supports			
L-shape support for suspended installations with threaded rods. Material: Stainless steel.			
L-shape support SS	104/39/36	10	**4555450**
Threaded rods			
Threaded rod for ceiling-suspended installations, used with suspension support and brackets. Supplied with nuts and washers. Material: Stainless steel.			
Threaded rod M8 x 0.5m SS	M8/500	10	**4555470**
Threaded rod M8 x 1m SS	M8/1000	10	**4555480**
Swivel pendant supports			
Swivel pendant support for ceiling-suspended installations with a U-profile and pendant brackets. Four bolts are required for fixing of the U-profile. Material: Stainless steel.			
Swivel pendant support SS	116/150/60	4	**4555410**
U-profiles			
U-profile. For ceiling-suspended installations with swivel support and pendant brackets. Material: Stainless steel.			
U-profile SS	30/55/1000	4m	**4555420**
Pendant brackets (stainless steel)			
Pendant bracket from 100 to 600mm width. To be used in combination with U-profile (4555420) and swivel pendant support (4555410) for ceiling-suspended installations. Four bolts (4575110) are required to fix the bracket to the U-profile. Mesh tray fixed to the bracket by bolted fixings (4565120). Material: Stainless steel.			
Pendant bracket 100 SS	87/50/160	10	**4555910**
Pendant bracket 150 SS	87/50/210	10	**4555915**
Pendant bracket 200 SS	87/50/260	10	**4555920**
Pendant bracket 300 SS	94/50/360	10	**4555930**
Pendant bracket 400 SS	100/50/460	4	**4555940**
Pendant bracket 500 SS	110/50/560	4	**4555950**
Pendant bracket 600 SS	110/50/660	4	**4555960**

Floor Support

Type	Dimensions A/B/C (mm)	Qty per package	Cat. No.
Insulating support			
Insulating support for floor installations. Suitable for all mesh trays except 60 x 60mm. The mesh tray is fixed by clipping wires into the support. Maximum recommended span between supports: 1m. Material: PA 6.6 (colour: Black).			
Insulating floor support	45/44.5/85	20	**4571700**
Floor-mounted brackets (stainless steel)			
Bracket for floor-mounted installations in raised floors. The bracket is used as a raiser. Mesh tray fixed to the bracket by bolted fixings (4565120). Material: Stainless steel.			
Vertical/suspended/floor bracket 100 SS	38/50/185	10	**4555310**
Vertical/suspended/floor bracket 150 SS	38/50/235	10	**4555315**
Vertical/suspended/floor bracket 200 SS	38/50/285	10	**4555320**
Vertical/suspended/floor bracket 300 SS	38/50/385	10	**4555330**
Vertical/suspended/floor bracket 400 SS	38/50/485	5	**4555340**
Vertical/suspended/floor bracket 500 SS	38/50/585	5	**4555350**
Vertical/suspended/floor bracket 600 SS	38/50/685	5	**4555360**

For fire resistant installations with 90 minutes withstand, use the products marked in orange.

Performa Mesh Tray

Stainless Steel Mesh Tray and Accessories

Fixing Accessories

Type	Dimensions A/B/C (mm)	Qty per package	Cat. No.
Locking clip			
Locking clip for fast-fixing of the transversal wires of a mesh tray, once it has been cut to form flat bends. Material: Spring steel (lamellar zinc).			
Locking clip for flat bend LZ	6/18/21	50	**4532900**
Profile fast-fixings			
Fast-fixing intended to fix mesh trays to profiles 21x41 and 41x41. Specific design for 60x60mm mesh tray. Direct clip-in. No tools required, screw-less. Suitable only for horizontal installations. Material: Spring steel (lamellar zinc).			
Profile fast-fixing LZ	29/51/19	50	**4532300**
Profile fast-fixing 6060 LZ	54/68/34	25	**4532100**
Fixings			
Fixing device for fixing of the mesh trays to brackets. Material: Stainless steel.			
Fixing SS	23.5/23.5	50	**4565120**
Bolts			
Bolt for the fixing of swivel supports and pendant brackets to U-profile, as well as fast-fix suspended brackets back to back, if required. Material: Steel (stainless or lamellar zinc).			
Bolt M6 x 12 SS	23.5/13.5	50	**4725912**
Bolt M6 x 20 SS	23.5/13.5	50	**4575110**
Bolt M8 x 20 SS	23.5/13.5	50	**4326605**
Pin-bolt for fast-fixing of pendant bracket to U-profile and of U-profile to swivel support. Material: Stainless steel.			
Pin-bolt M6 x 70 SS	M6/70	10	**4575115**
Cover fixing			
Cover fixing for mesh trays, for extra fixing of the cover if required (optional). Suitable for all sizes from 60 to 600mm. Direct clip-in. Screw-less. Material: Spring steel (lamellar zinc).			
Mesh tray cover fixing LZ	18/15/32	50	**4532800**
Supports for derivation box			
Clip-on bracket to be used for fixing of a derivation box in 60, 70 and 105mm high mesh trays. Material: Stainless steel.			
Support for box + bracket SS	20/72/92	10	**4575120**
Support for box + bracket, double, SS	20/100/182	5	**4575130**

Other Accessories

Type	Dimensions A/B/C (mm)	Qty per package	Cat. No.
Cable drop-out			
Cable drop-out to be directly clipped-in on all sizes of mesh tray except 60 x 60mm. Fixed by folding a flap at the bottom with a screw-driver. Screw-less. Material: Steel (lamellar zinc).			
Cable drop-out LZ	50/40/110	10	**4532700**
Earthing clamp			
Earthing clamp for Earthing of the installation to comply with safety requirements. Fixed to the wires on the side of the mesh trays. Admits cables from 16 to 70mm². Material: Brass (electrolytical nickel coating).			
Earthing clamp EZ	85/107/24	10	**4571310**
Marking			
ID-label, blank, suitable for all cable trays. Can be placed on the side or at the bottom of the tray for identification. Material: PC/ABS (colour: White).			
ID-label	30/100	25	**4551485**
Cutting tool			
Bolt cropper for cutting and forming of accessories from straight elements. Suitable for all sizes and finishes.			
Bolt cropper		1	**4580110**

For fire resistant installations with 90 minutes withstand, use the products marked in orange.

Performa Mesh Tray

Technical Information

Technical and Material Data

Steel wire	Specification:	C4D: EN 10016-2-3 C7D: EN 10016-2-3 AISI 304 (Stainless Steel): EN 10088-2
	Density:	7.85kg/m³
	Surface treatment:	Electro-zinc (>8µm): EN 12329-1 Hot-dip galvanised (>70µm): ENISO 1461 Passivated (stainless steel)
Steel sheet	Specification:	Dx51D+Z275 MA-C Dx51D+ZM175 MA-C
	Density:	7.85kg/m³
	Surface treatment:	Electro-zinc (>8µm): EN 12329-1 Hot-dip galvanised (>70µm): ENISO 1461 Passivated (stainless steel)
Resistance to impact:		IK-10 (EN 50102)
Temperature range:		From –40°C to 120°C
Fire resistance:		90 minutes withstand (DIN 4102-12), relevant products marked in an orange tone in the range tables

Standards:		The products comply with the standards:
		• IEC 61537
		    – Loading and Deflection
		    – Electrical Continuity Across Couplers
		    – System with Electrical Continuity
		• IEC 60068-2-75 (Resistance to Impact)
		• EN ISO 9227 (Salt Spray Test)

Detailed Dimensions

Mesh tray size		Longitudinal wire Ø (mm)	Transversal wire Ø (mm)
Height x width (mm)	Length (mm)		
35 x 100	3000	4.4	3.9
35 x 150	3000	4.4	3.9
35 x 200	3000	4.4	3.9
35 x 300	3000	4.4	3.9
60x60	3000	4.4	3.9
70 x 100	3000	4.4	3.9
70 x 150	3000	4.4	3.9
70 x 200	3000	4.9	3.9
70 x 300(*)	3000	4.9	3.9
70 x 400(*)	3000	4.9	3.9
70 x 500(*)	3000	4.9	3.9
70 x 600(*)	3000	4.9	3.9
105 x 200(*)	3000	4.9	3.9
105 x 300(*)	3000	4.9	3.9
105 x 400(*)	3000	4.9	3.9
105 x 500(*)	3000	4.9	3.9
105 x 600(*)	3000	4.9	3.9

Note:
(*) The longitudinal wire Ø for the stainless steel range is 4.4mm.
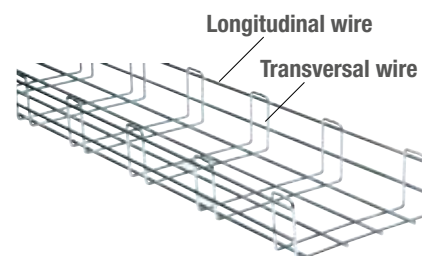
Cable Capacity*

Mesh tray size	Height (mm)	Width (mm)	Cross section mm²
35 x 100	35	100	2688
35 x 150	35	150	4288
35 x 200	35	200	5888
35 x 300	35	300	9088
60 x 60	60	60	2666
70 x 100	70	100	5268
70 x 150	70	150	9112
70 x 200	70	200	12328
70 x 300(*)	70	300	19028
70 x 400(*)	70	400	25728
70 x 500(*)	70	500	32428
70 x 600(*)	70	600	39128
105 x 200(*)	105	200	18768
105 x 300(*)	105	300	28968
105 x 400(*)	105	400	39168
105 x 500(*)	105	500	49368
105 x 600(*)	105	600	59568

Note:
* Unless it is stated in the country's regulations, we suggest the following orientative values to determine the cable tray to install:
• Fill factor value to apply to the cross-sectional area of the cables: 80% for power cables, 40% for data cables.
• Enlargement factor: 30%.
Cable fill must not exceed the depth of the side rail of the cable tray. In case of doubt, please contact Schneider Electric.

Performa Mesh Tray

Technical Information

Safe Working-Load

The safe working-load is calculated according to the Standard IEC 61537. See diagrams right.

- The load is uniformly distributed along the mesh trays.

- The kind and number of couplers used are the ones detailed in the chart "Recommended Couplers" (pg. 51).

- The maximum distance between couplers and brackets is 1/5 of the span between brackets.

- The safety working-load value is given when: – the longitudinal deflection is ≤1% of the span between brackets – the transversal deflection is ≤5% of the width of the mesh tray.
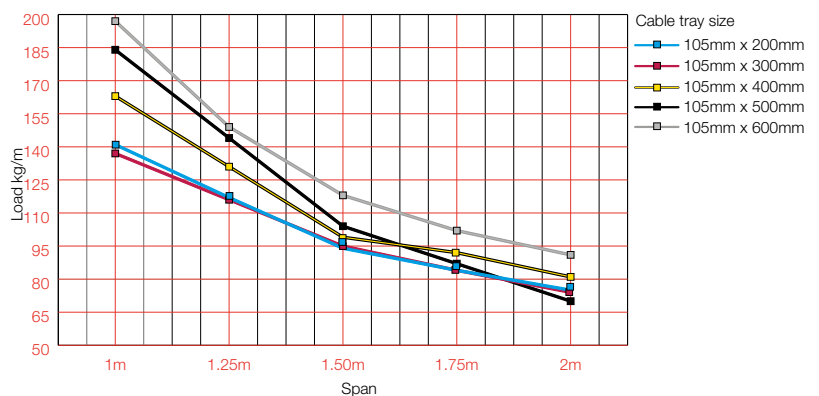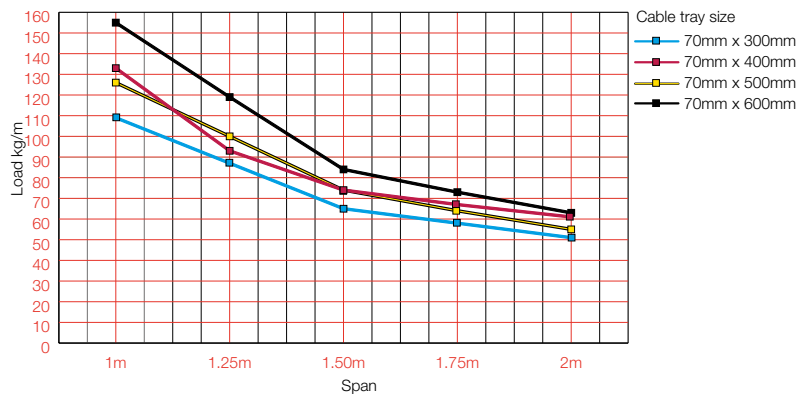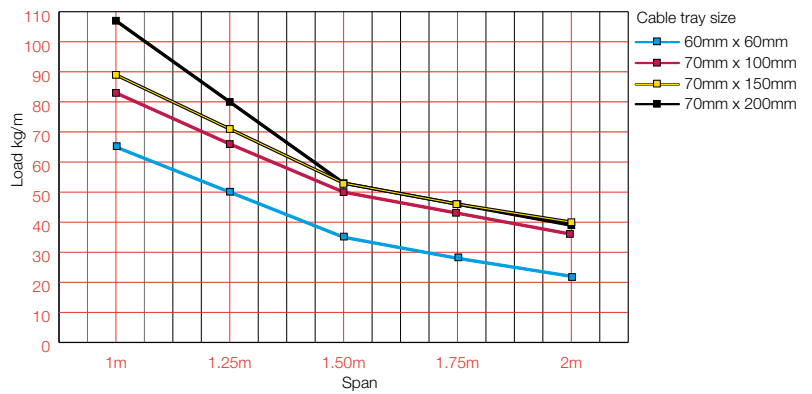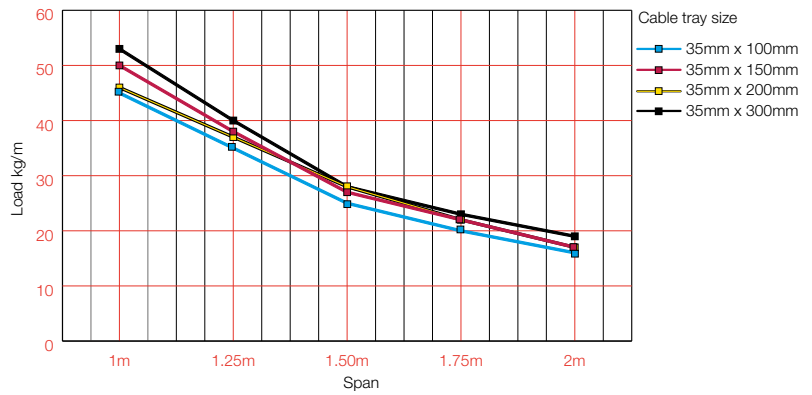
Cable tray size
- 35mm x 100mm
- 35mm x 150mm
- 35mm x 200mm
- 35mm x 300mm

Cable tray size
- 60mm x 60mm
- 70mm x 100mm
- 70mm x 150mm
- 70mm x 200mm

Cable tray size
- 70mm x 300mm
- 70mm x 400mm
- 70mm x 500mm
- 70mm x 600mm

Cable tray size
- 105mm x 200mm
- 105mm x 300mm
- 105mm x 400mm
- 105mm x 500mm
- 105mm x 600mm

Admissible Working-Load on Brackets

The safe working-load is calculated according to the Standard IEC 61537.
See tables below.

- The load is uniformly distributed along the bracket.
- The safety working-load value is given when the deflection is ≤5% of the width of the bracket.

Horizontal wall solutions

	Ref. No.	Load kg*		Ref. No.	Load kg*
Horizontal bracket	45xx110	324	Fast-fix Horizontal bracket	45xx110	324
	45xx115	306		45xx115	306
	45xx120	273		45xx120	273
	45xx130	214		45xx130	214
	45xx140	191		45xx140	191
	45xx150	178		45xx150	178
	45xx160	154		45xx160	154
Horizontal bracket set	45xx210	418	Horizontal bracket Omega	45xx310	198
	45xx215	428		45xx315	121
	45xx220	345		45xx320	100
	45xx230	331		45xx330	78
	45xx240	315			
	45xx250	250			
	45xx260	190			

Ceiling-suspended solutions

	Ref. No.	Load kg*		Ref. No.	Load kg*
Suspended bracket	45xx310	51	Reinforced suspended bracket	45xx620	505
	45xx315	52		45xx630	481
	45xx320	59		45xx640	515
	45xx330	62		45xx650	442
	45xx340	56		45xx660	460
	45xx350	42			
	45xx360	35			
Horizontal bracket Omega	45xx410	264	Swivel support + U-profile + Pendant bracket	45xx410 + 45xx420 + 45xx910	90
	45xx415	154		45xx410 + 45xx420 + 45xx915	85
	45xx420	107		45xx410 + 45xx420 + 45xx920	80
	45xx430	85		45xx410 + 45xx420 + 45xx930	70
				45xx410 + 45xx420 + 45xx940	60
				45xx410 + 45xx420 + 45xx950	50
				45xx410 + 45xx420 + 45xx960	40

Note:
*These values refer to all the surface treatments available for each bracket.

Performa Mesh Tray

Technical Information

Admissible Working-Load on Brackets

The safe working-load is calculated according to the standard IEC 61537. See tables below.

- The load is uniformly distributed along the bracket.
- The safety working-load value is given when the deflection is ≤5% of the width of the bracket.

Ceiling-suspended solutions			
	Ref. No.	Load kg*	Load kg* double[1]
Fast-fix suspended bracket	45xx510	127	–
	45xx520	138	–
	45xx530	98	–
	45xx540	70	250
	45xx550	60	230
	45xx560	49	170
	45xx570	–	140
	45xx580	–	140[2]
	45xx590	–	140[2]
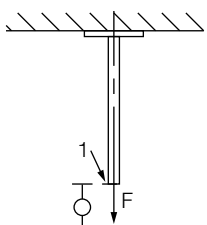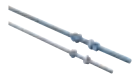
Note:

[1] Two brackets back-to-back, fixed together with bolts.

[2] Per metre, with a maximum distance between two threaded rods of 950mm. The threaded rods must be placed all along the bracket.

* These values refer to all the surface treatments available for each bracket.

Resistance to Traction

		Resistance to traction (kg)	
	1 U-profile + 1 pendant bracket	1000	
	1 L-shape support	362	
	1 C-shape support	400	
	1 Threaded rod M6-M8	100	According to the Standard IEC 61537 1: Measuring point for the deformation F: Strength

Recommended Couplers

Mesh tray size (mm)	Options for side-coupling (the quantity equals the sum of both sides)			Couplers used as central couplers
	Side couplers	Couplers	Fast couplers	
35 x 100	2	2	2	Not required
35 x 150				1
35 x 200				1
35 x 300				2
60 x 60	2	2	2	Not required
70 x 100	2	2	2	Not required
70 x 150				1
70 x 200				1
70 x 300	2	4	2	2
70 x 400				2
70 x 500				3
70 x 600				3
105 x 200	2	4	4	1
105 x 300				2
105 x 400				2
105 x 500				3
105 x 600				3

Recommended Fixings for Brackets

Width of mesh tray (mm)	No. of fixings for all kinds of brackets	
60	1	Profile fast-fixings, fixings
100	1	
150	2	
200	2	
300	3	
400	4	
500	4	
600	4	

Performa Mesh Tray

Technical Information

Fire-Test Installation (Ceiling)
30 and 90 minutes withstand

Swivel pendants, U-profiles, pendant brackets, 200-400mm

Mesh tray 70mm x 200mm EZ	**4511220**
Mesh tray 70mm x 300mm EZ	**4511230**
Mesh tray 70mm x 400mm EZ	**4511240**
Coupler EZ	**4561110**
Side coupler 70 +105 EZ	**4561205**
Swivel pendant support PG	**4551410**
U-profile PG	**4551420**
Pendant bracket 200 PG	**4551920**
Pendant bracket 300 PG	**4551930**
Pendant bracket 400 PG	**4551940**
Support extension M10	**4551992**
Fixing EZ	**4561120**
Bolt M6x20 EZ	**4571110**

Test conditions

30 and 90 minutes withstand
Load 10kg/m
Support distance 1.2m

Swivel pendants, U-profiles, horizontal brackets Ω, 200mm
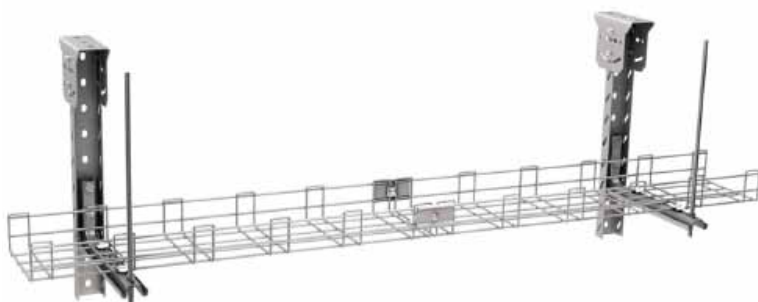
Mesh tray 70mm x 200mm EZ	**4511220**
Coupler EZ	**4561110**
Side coupler 70 +105 EZ	**561205**
Swivel pendant support PG	**4551410**
U-profile PG	**4551420**
Horizontal bracket Ω 300 PG	**4550330**
Fixing EZ	**4561120**
Bolt M6 x 20 EZ	**4571110**

Fire-Test Installation (Wall)
30 and 90 minutes withstand

Horizontal bracket sets, 200-400mm
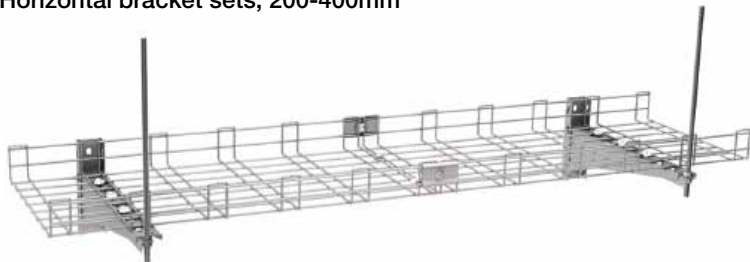
Test conditions

30 and 90 minutes withstand
Load 10kg/m
Support distance 1.2m

Mesh tray 70mm x 200mm EZ	**4511220**
Mesh tray 70mm x 300mm EZ	**4511230**
Mesh tray 70mm x 400mm EZ	**4511240**
Coupler EZ	**4561110**
Side coupler 70 + 105 EZ	**4561205**
Horizontal bracket set 200 PG	**4551220**
Horizontal bracket set 300 PG	**4551230**
Horizontal bracket set 400 PG	**4551240**
Support extension M10	**4551992**
Fixing EZ	**4561120**
Bolt M6 x 20 EZ	**4571110**

Horizontal brackets Ω, 200mm
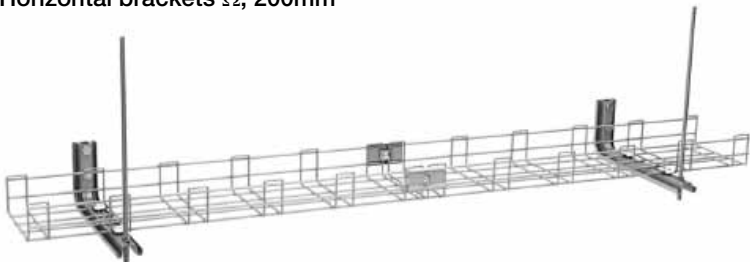
Mesh tray 70mm x 200mm EZ	**4511220**
Coupler EZ	**4561110**
Side coupler 70 + 105 EZ	**4561205**
Horizontal bracket Ω 300 PG	**4550330**
Fixing EZ	**4561120**
Bolt M6 x 20 EZ	**4571110**

Performa Mesh Tray

Technical Information

Instructions for Making Accessories
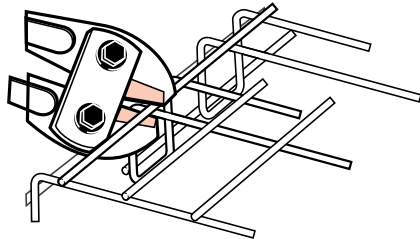
Step 1.
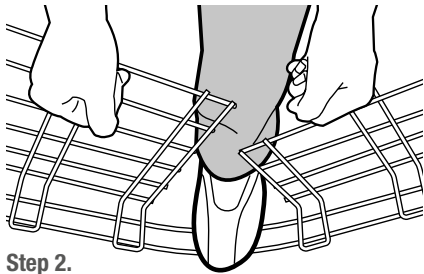
Step 2.
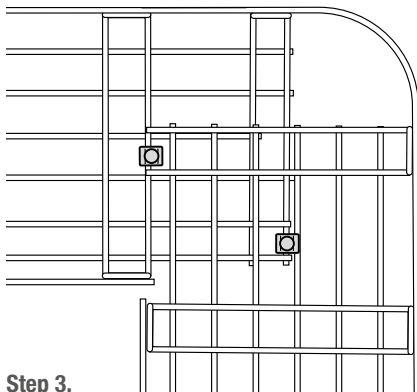
Step 3.

How to Cut the Mesh Trays

L	B	
470mm	130mm	2.7

MAX 3mm

MAX 3mm
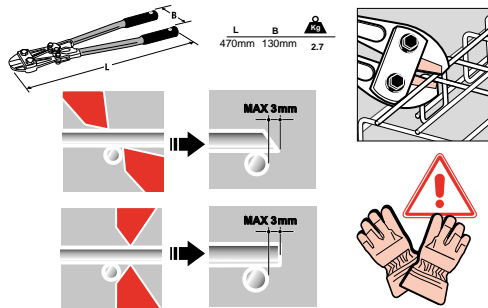
Coupling of all Elements

Part Number	L Height	B Width	Torque (N.m)
45xx110	23.5mm	23.5mm	12 (∗)

Value of recommended torque
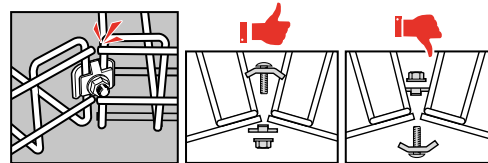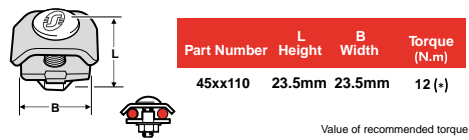
Fast-Fixing of Large Radius Flat Bends

Part Number	L Height	B Width
45xx900	18mm	21mm
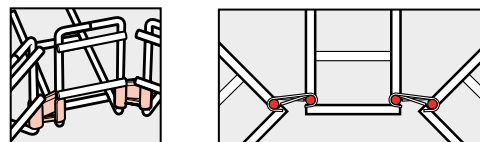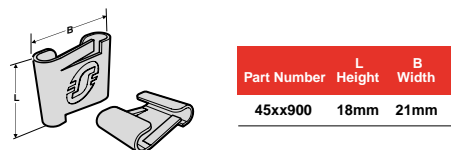
How to Cut to Obtain Different Kinds of Angles

C₁

W (mm)	60	100	150	200	300	400	500	600
α	20°	13°	10°	7°	5°	4°	3°	2°

Approximate angles

C₂

W (mm)	60	100	150	200	300	400	500	600
α	90°	64°	45°	30°	20°	15°	12.5°	10°

Approximate angles

C₃

W (mm)	60	100	150	200	300	400	500	600
α	125°	85°	55°	37°	25°	19°	15.5°	12°

Approximate angles

C₄

W (mm)	60	100	150	200	300	400	500	600
α	145°	100°	65°	44°	30°	23°	18.5°	14°

Approximate angles

C₅

W (mm)	60	100	150	200	300	400	500	600
α	180°	135°	90°	67°	45°	34°	27°	22°

Approximate angles

Practical Application of the Various Cuts

How to obtain the same angle with different bending radii function of numbers of cuts.

Example:

For a mesh tray width of W = 300mm, I wish to realise an angle of 60°

OPTION 1: 3 cuts (20° + 20° + 20°)
OPTION 2: 2 cuts (30° + 30°)

These examples can apply for any with of mesh trays

	W (mm)							
Corte	60	100	150	200	300	400	500	600
C₁	20°	13°	10°	7°	5°	4°	3°	2°
C₂	90°	64°	45°	30°	20°	15°	12.5°	10°
C₃	125°	85°	55°	37°	25°	19°	15.5°	12°
C₄	145°	100°	65°	44°	30°	23°	18.5°	14°
C₅	180°	135°	90°	67°	45°	34°	27°	22°

Performa Mesh Tray

Technical Information

Large Radius Flat Bends
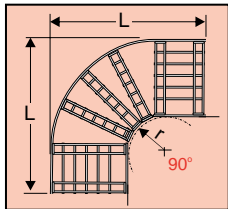
W (mm)	60	100	150	200	300	400	500	600
C_1	x4	x2						
C_2		x1	x2	x3	x2	x6	x8	x9
C_3					x2			
r	255	200	50	75	110	175	225	260
L	450	450	210	310	550	600	760	900
Necessary length	780	780	335	480	930	930	1225	1370

C_1

C_2

C_3

W = 100mm

W = 300mm
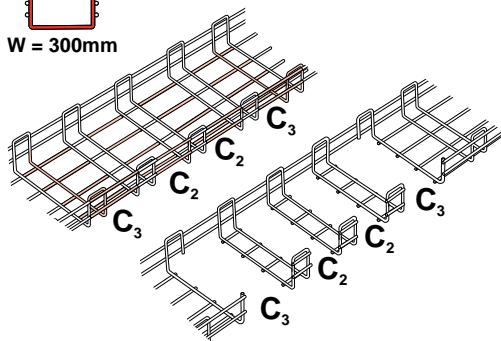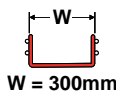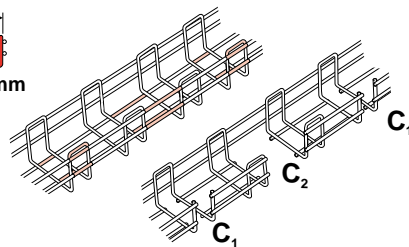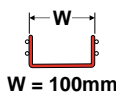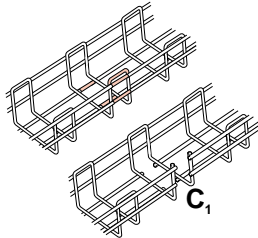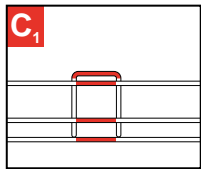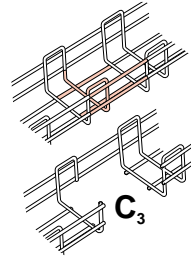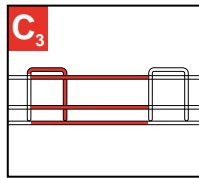
Coupling of Large Radius Bends
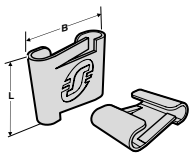
Part number	L Height	B Width
45xx900	18mm	21mm
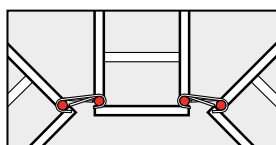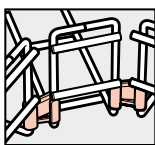
Right Angle Flat Bends

ALLOW MOUNTING LIDS

W (mm)

W
60 100 150 200 300 400 500 600

L = W x 2 (approx.)

ALLOW MOUNTING LIDS

W (mm)

W
60 100 150 200 300 400 500 600

L = W (approx.)

1

2

3

L

L

L
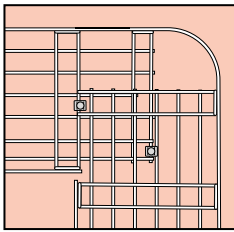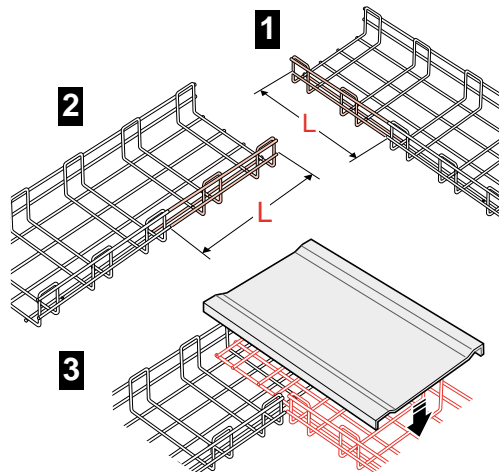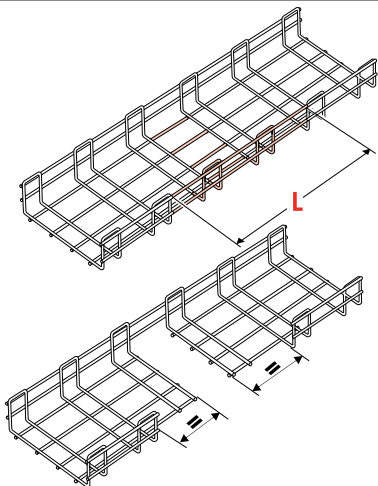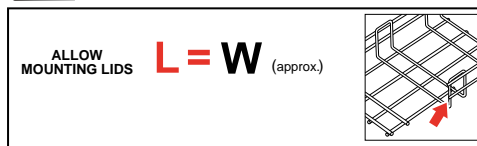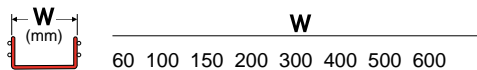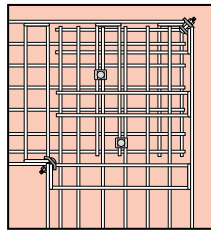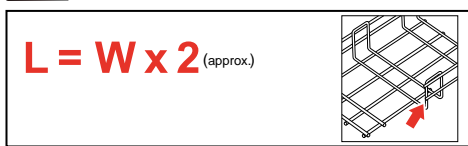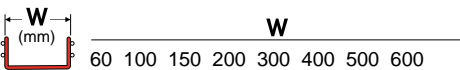
Coupling of Right Angle Flat Bends
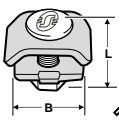
Part Number	L Height	B Width	Torque (N.m)
45xx110	23.5mm	23.5mm	12 (+)

Value of recommended torque
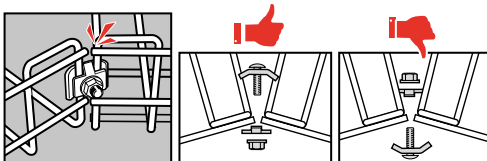
Performa Mesh Tray

Technical Information

T-Junction (90˚ Radius)

	W (mm)						
	60	100	150	200	300	400	500	600
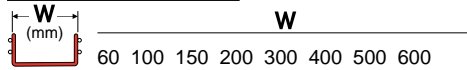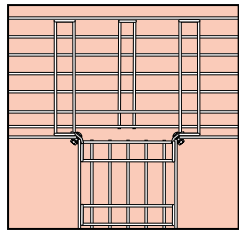
ALLOW MOUNTING LIDS L = W (approx.)

Cut matches with transversal mesh

L = W
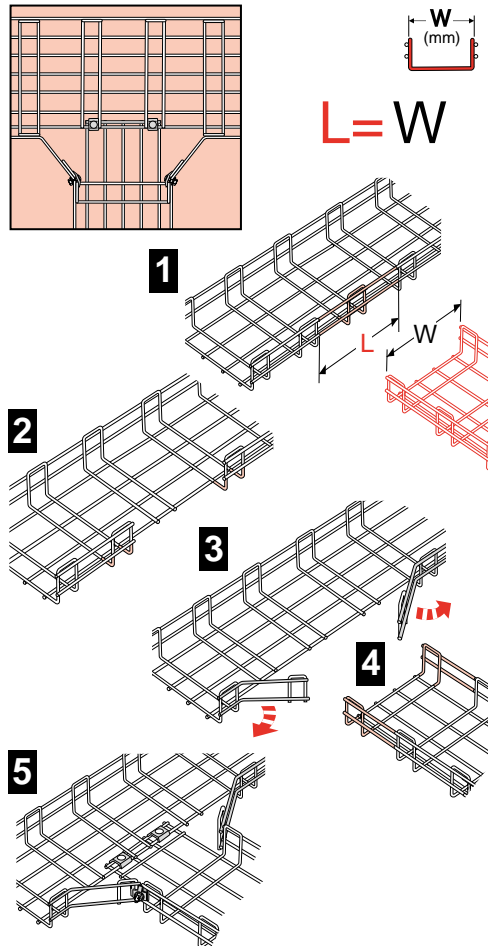
Coupling of T-Junction (90˚ Radius)
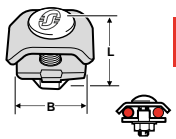
Part Number	L Height	B Width	Torque (N.m)
45xx110	23.5mm	23.5mm	12 (∗)

Value of recommended torque
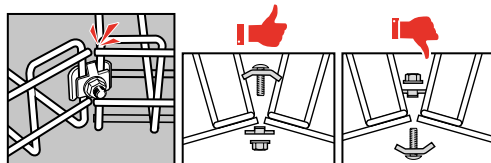
Reducer
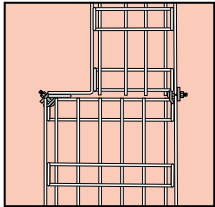
**ALLOW
MOUNTING LIDS**

**ALLOW
MOUNTING LIDS**

W (mm)

W
60 100 150 200 300 400 500 600

$$L = W-W_1 \text{ (approx.)}$$

1

2

3

1

2
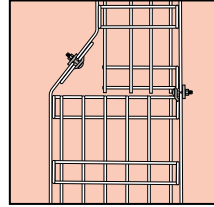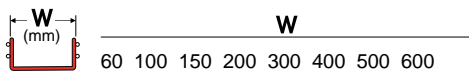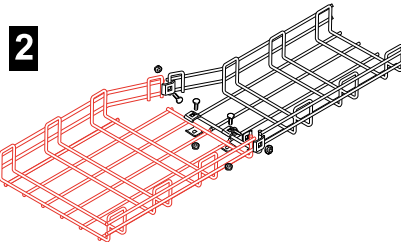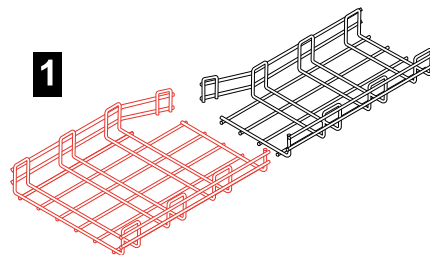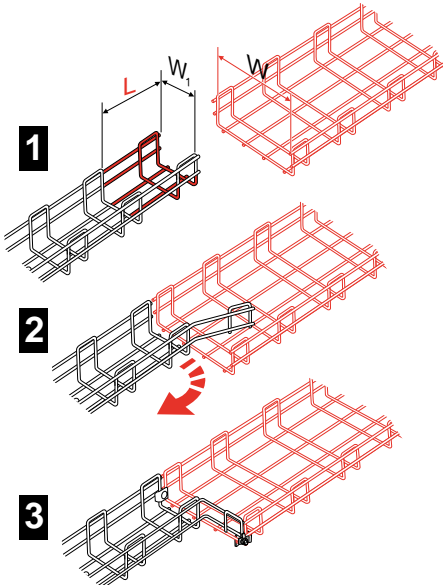
Coupling of Reducers

Part Number	L Height	B Width	Torque (N.m)
45xx110	23.5mm	23.5mm	12 (∗)

Value of recommended torque
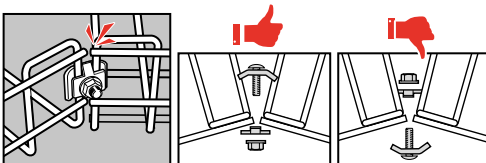
Raisers

CONCAVE

CONVEX

CONVEX

CONCAVE

CONCAVE

Radius according to flat

convex

90°

concave

90°

h (mm)	convex				concave			
	r				**r**			
35					25	125	220	300
60/70	65	185	315	450	0	90	180	250
105					-	50	150	250
C$_{n1}$	**x1**	**x2**	**x3**	**x4**	**x1**	**x2**	**x3**	**x4**

Angles according to flat

h	C$_{n1}$		C$_{n2}$	C$_{n3}$
	convex	concave	concave	convex
35	de 0 a 180º / From 0 to 180º	de 0 a 155º / From 0 to 155º	45º / 45º	45º / 45º
60/70	de 0 a 180º / From 0 to 180º	de 0 a 90º / From 0 to 90º	25º / 25º	25º / 25º
105	de 0 a 180º / From 0 to 180º	de 0 a 60º / From 0 to 60º	15º / 15º	15º / 15º

Coupling of Raisers

Part Number	L Height	B Width	Torque (N.m)
45xx110	23.5mm	23.5mm	12 (*)

Value of recommended torque

Notes

Performa Mesh Tray

Selection Guide (Electro-Zinc)

Dimensions (H x W/mm)

Dimensions (H x W/mm)	Complementary accessories			35mm (H)				60mm (H)
	❶ Fixing	❷ Threaded rod	❸ Bolt	35 x 100	35 x 150	35 x 200	35 x 300	60 x 60
Cable Tray								
				4511110	4511115	4511120	4511130	4511206
Dividers								
Fast-fix dividers				4571510	4571510	4571510	4571510	
Bolted dividers	4561120			4721730	4721730	4721730	4721730	
Cover								
Cover				4541110	4541115	4541120	4541130	4541106
Cover fixing				4530800	4530800	4530800	4530800	4530800
Couplers								
Fast coupler				4530135	4530135	4530135	4530135	4530200
Bolted coupler				4561110	4561110	4561110	4561110	4561110
Side coupler				4561200	4561200	4561200	4561200	4561205
Extendable joint				4561150	4561150	4561150	4561150	4561150
Wall Support								
Fast-fix horizontal bracket				4550110	4550111	4550112	4550113	–
Horizontal brackets	4561120			4551110	4551115	4551120	4551130	–
Horizontal brackets Ω	4561120			4550310	4550315	4550320	4550330	–
Horizontal bracket sets	4561120			4551210	4551215	4551220	4551230	–
Vertical/ Suspended/ floor bracket *	4561120			4551310*	4551315*	4551320*	4551330*	–
Fast-fix hanger		4551467 4551470 4551480		4530400	4530400	4530400	4530400	–
Support for box + bracket *				–	–	–	–	4571120*
Adjustable bracket set	4561120			4551510	4551515	4551520	4551530	–
Pendant bracket + U profile	4561120		4571110	4551910 + 4551420	4551915 + 4551420	4551920 + 4551420	4551930 + 4551420	–

* Same ref. no. used for several applications (e.g. wall, ceiling or floor support).

Complementary accessories are needed to complete the installation of the cable trays and the brackets:

❶ **Fixing:** For fixing the cable tray to the bracket and/or divider to tray. For further details, please refer to the chart "Recommended Fixings" (pg 51).

❷ **Threaded rods:** For ceiling suspended installations, used with supports and brackets.

❸ **Bolts:** For fixing the U-profile to the swivel support, and/or the pendant bracket to the U-profile, and/or fast-fix suspended brackets back-to-back.

70mm (H)							105mm (H)				
70 x 100	70 x 150	70 x 200	70 x 300	70 x 400	70 x 500	70 x 600	105 x 200	105 x 300	105 x 400	105 x 500	105 x 600
4511210	4511215	4511220	4511230	4511240	4511250	4511260	4511320	4511330	4511340	4511350	4511360
4571520	4571520	4571520	4571520	4571520	4571520	4571520	4571530	4571530	4571530	4571530	4571530
4721760	4721760	4721760	4721760	4721760	4721760	4721760	4721780	4721780	4721780	4721780	4721780
4541110	4541115	4541120	4541130	4541140	4541150	4541160	4541120	4541130	4541140	4541150	4541160
4530800	4530800	4530800	4530800	4530800	4530800	4530800	4530800	4530800	4530800	4530800	4530800
4530200	4530200	4530200	4530200	4530200	4530200	4530200	4530200	4530200	4530200	4530200	4530200
4561110	4561110	4561110	4561110	4561110	4561110	4561110	4561110	4561110	4561110	4561110	4561110
4561205	4561205	4561205	4561205	4561205	4561205	4561205	4561205	4561205	4561205	4561205	4561205
4561150	4561150	4561150	4561150	4561150	4561150	4561150	4561150	4561150	4561150	4561150	4561150
4550110	4550111	4550112	4550113	4550114	4550115	4550116	4550112	4550113	4550114	4550115	4550116
4551110	4551115	4551120	4551130	4551140	4551150	4551160	4551120	4551130	4551140	4551150	4551160
4550310	4550315	4550320	4550330	–	–	–	4550320	4550330	–	–	–
4551210	4551215	4551220	4551230	4551240	4551250	4551260	4551220	4551230	4551240	4551250	4551260
4551310*	4551315*	4551320*	4551330*	4551340*	4551350*	4551360*	4551320*	4551330*	4551340*	4551350*	4551360*
–	–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–
4551510	4551515	4551520	4551530	4551540	4551550	4551560	4551520	4551530	4551540	4551550	4551560
4551910	4551915	4551920	4551930	4551940	4551950	4551960	4551920	4551930	4551940	4551950	4551960
+	+	+	+	+	+	+	+	+	+	+	+
4551420	4551420	4551420	4551420	4551420	4551420	4551420	4551420	4551420	4551420	4551420	4551420

For fire resistant installations with 90 minutes withstand, use the products marked in orange.

Performa Mesh Tray
Selection Guide (Electro-Zinc)

Dimensions (H x W/mm)

Dimensions (H x W/mm)	Complementary accessories			35mm (H)				60mm (H)
	❶ Fixing	❷ Threaded rod	❸ Bolt	35 x 100	35 x 150	35 x 200	35 x 300	60 x 60
Ceiling Support								
Fast-fix suspended brackets		4551470 4551480	4721912**	4530510	4530510	4530520	4530530	4530530
Fast-fix suspended brackets		4551470 4551480	4721912	4530570 4530580 4530590	4530570 4530580 4530590	4530570 4530580 4530590	4530570 4530580 4530590	4530570 4530580 4530590
Vertical/ Suspended/ floor bracket *	4561120	4551467 4551470 4551480		4551310*	4551315*	4551320*	4551330*	4551330*
Ceiling bracket Ω	4561120			4550410	4550415	4550420	4550430	4550430
Heavy duty suspended bracket	4561120	4551467 4551470 4551480		–	–	4551620	4551630	4551630
Central suspension support		4551467 4551470 4551480		4551430	–	4551430	4551430	4551430
Fast-fix hanger		4551467 4551470 4551480		4530400	4530400	4530400	4530400	4530400
Support for box + bracket *		4551467 4551470 4551480		–	–	–	–	–
Support for box + bracket double *		4551467 4551470 4551480		–	–	–	–	–
"C" Shape support		4551467 4551470 4551480		4551440	4551440	4551440	4551440	4551440
"L" shape support		4551467 4551470 4551480		4551450	4551450	4551450	4551450	4551450
Pendant bracket + U profile + swivel support	4561120		4571110	4551910+ 4551410+ 4551420	4551915+ 4551410+ 4551420	4551920+ 4551410+ 4551420	4551930+ 4551410+ 4551420	–
Floor Support								
Insulating floor bracket				4571700	4571700	4571700	4571700	–
Vertical/ Suspended/ floor bracket *	4561120			4551310*	4551315*	4551320*	4551330*	–
Fixing Accessories								
Fixings				4561120	4561120	4561120	4561120	4561120
Locking clip for flat bends				4530900	4530900	4530900	4530900	4530900
Profile fast fixing+ Profiles 2141/4141				4530300 + 2511230/ 2511231	4530300 + 2511230/ 2511231	4530300 + 2511230/ 2511231	4530300 + 2511230/ 2511231	4530100 + 2511230/ 2511231

* Same ref. no. used for several applications (e.g. wall, ceiling or floor support).
** Use bolts to fix fast-fix suspended brackets marked ** back to back.

Complementary accessories are needed to complete the installation of the cable trays and the brackets:

❶ **Fixing:** For fixing the cable tray to the bracket and/or divider to tray. For further details, please refer to the chart "Recommended Fixings" (pg 51).

❷ **Threaded rods:** For ceiling suspended installations, used with supports and brackets.

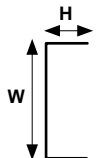❸ **Bolts:** For fixing the U-profile to the swivel support, and/or the pendant bracket to the U-profile, and/or fast-fix suspended brackets back-to-back.

Performa Mesh Tray
Selection Guide (Electro-Zinc)

70mm (H)							105mm (H)				
70 x 100	70 x 150	70 x 200	70 x 300	70 x 400	70 x 500	70 x 600	105 x 200	105 x 300	105 x 400	105 x 500	105 x 600
4530510	4530510	4530520	4530530	4530540**	4530550**	4530560**	4530520	4530530	4530540**	4530550**	4530560**
4530570 4530580 4530590	4530570 4530580 4530590	4530570 4530580 4530590	4530570 4530580 4530590	4530570 4530580 4530590	4530570 4530580 4530590	4530570 4530580 4530590	4530570 4530580 4530590	4530570 4530580 4530590	4530570 4530580 4530590	4530570 4530580 4530590	4530570 4530580 4530590
4551310*	4551315*	4551320*	4551330*	4551340*	4551350*	4551360*	4551320*	4551330*	4551340*	4551350*	4551360*
4550410	4550415	4550420	4550430	–	–	–	4550420	4550430	–	–	–
–	–	4551620	4551630	4551640	4551650	4551660	4551620	4551630	4551640	4551650	4551660
4551430	–	4551430	4551430	–	–	–	4551430	4551430	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–
4571120*	4571120*	4571120*	4571120*	4571120*	4571120*	4571120*	–	–	–	–	–
–	–	–	–	–	–	–	4571130*	4571130*	4571130*	4571130*	4571130*
4551440	4551440	4551440	4551440	4551440	4551440	4551440	4551440	4551440	4551440	4551440	4551440
4551450	4551450	4551450	4551450	4551450	4551450	4551450	4551450	4551450	4551450	4551450	4551450
4551910+ 4551410+ 4551420	4551915+ 4551410+ 4551420	4551920+ 4551410+ 4551420	4551930+ 4551410+ 4551420	4551940+ 4551410+ 4551420	4551950+ 4551410+ 4551420	4551960+ 4551410+ 4551420	4551920+ 4551410+ 4551420	4551930+ 4551410+ 4551420	4551940+ 4551410+ 4551420	4551950+ 4551410+ 4551420	4551960+ 4551410+ 4551420
4571700	4571700	4571700	4571700	4571700	4571700	4571700	4571700	4571700	4571700	4571700	4571700
4551310*	4551315*	4551320*	4551330*	4551340*	4551350*	4551360*	4551320*	4551330*	4551340*	4551350*	4551360*
4561120	4561120	4561120	4561120	4561120	4561120	4561120	4561120	4561120	4561120	4561120	4561120
4530900	4530900	4530900	4530900	4530900	4530900	4530900	4530900	4530900	4530900	4530900	4530900
4530300 + 2511230/ 2511231	4530300 + 2511230/ 2511231	4530300 + 2511230/ 2511231	4530300 + 2511230/ 2511231	4530300 + 2511230/ 2511231	4530300 + 2511230/ 2511231	4530300 + 2511230/ 2511231	4530300 + 2511230/ 2511231	4530300 + 2511230/ 2511231	4530300 + 2511230/ 2511231	4530300 + 2511230/ 2511231	4530300 + 2511230/ 2511231

For fire resistant installations with 90 minutes withstand, use the products marked in orange.

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Performa Mesh Tray

Selection Guide (Electro-Zinc)

Dimensions (H x W/mm)

Dimensions (H x W/mm)	Complementary accessories			35mm (H)				60mm (H)
	❶ Fixing	❷ Threaded rod	❸ Bolt	35 x 100	35 x 150	35 x 200	35 x 300	60 x 60
Cabling Support								
Support for box + bracket*				–	–	–	–	4571120*
Support for box + bracket double*				–	–	–	–	4571130*
Take-off plate				–	–	–	–	4571315
Cable drop-out				4530700	4530700	4530700	4530700	–
Mounting Accessories								
Earthing clamp				4571310	4571310	4571310	4571310	4571310
ID label				4551485	4551485	4551485	4551485	4551485

Others (fixings)	Ref. No.	Complementary accessories	
Mounting Profiles			
	2511230	2521706* 2521708 2521710 2521716* 2521718 2521720 *To be used together	4721912
Perforated profiles	2511231	2521706* 2521708 2521710 2521726* 2521728 2521730 *To be used together	4571110*
Perforated profiles	2511204 2511220	1506150* 1506155 *To be used together	4721912
	2511240		
Bolts			
Bolt	4721912		
	4571110		
Pin bolt	4571115		
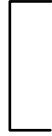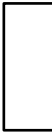
Others (ceiling support)	Ref. No.	Complementary accessories
Clamps		
Beam Clamp	4571408	4551470 4551480
	4571410	
Beam Clamp Horizontal	4571416	4551467
	4571418	4551470 4551480
Beam Clamp Vertical	4571436	4551467
	4571438	4551470 4551480
Threaded Rods		
Threaded rods	4551467	4551481
	4551470 4551480	4551482

Others	Ref. No.
Other accessories	
Bolt Cropper	4580110

* Same ref. no. used for several applications (e.g. wall, ceiling or floor support).

Complementary accessories are needed to complete the installation of the cable trays and the brackets:

❶ **Fixing:** For fixing the cable tray to the bracket and/or divider to tray. For further details, please refer to the chart "Recommended Fixings" (pg 51).

❷ **Threaded rods:** For ceiling suspended installations, used with supports and brackets.

❸ **Bolts:** For fixing the U-profile to the swivel support, and/or the pendant bracket to the U-profile, and/or fast-fix suspended brackets back-to-back.

70mm (H)							105mm (H)				
70 x 100	70 x 150	70 x 200	70 x 300	70 x 400	70 x 500	70 x 600	105 x 200	105 x 300	105 x 400	105 x 500	105 x 600
4571120*	4571120*	4571120*	4571120*	4571120*	4571120*	4571120*	4571120*	4571120*	4571120*	4571120*	4571120*
4571130*	4571130*	4571130*	4571130*	4571130*	4571130*	4571130*	4571130*	4571130*	4571130*	4571130*	4571130*
4571315	4571315	4571315	4571315	4571315	4571315	4571315	4571315	4571315	4571315	4571315	4571315
4530700	4530700	4530700	4530700	4530700	4530700	4530700	4530700	4530700	4530700	4530700	4530700
4571310	4571310	4571310	4571310	4571310	4571310	4571310	4571310	4571310	4571310	4571310	4571310
4551485	4551485	4551485	4551485	4551485	4551485	4551485	4551485	4551485	4551485	4551485	4551485

For fire resistant installations with 90 minutes withstand, use the products marked in orange.

Performa Mesh Tray

Selection Guide (Hot-Dip Galvanised)

Dimensions (H x W/mm)

Dimensions (H x W/mm)	Complementary accessories			35mm (H)				60mm (H)
	❶ Fixing	❷ Threaded rod	❸ Bolt	35 x 100	35 x 150	35 x 200	35 x 300	60 x 60
Cable Tray								
Cable Tray				4512110	4512115	4512120	4512130	4512206
Dividers								
Bolted dividers	4562120			4722730	4722730	4722730	4722730	
Cover								
Cover				4542110	4542115	4542120	4542130	4542106
Cover fixing				4532800	4532800	4532800	4532800	4532800
Couplers								
Fast coupler				4532135	4532135	4532135	4532135	4532200
Bolted coupler				4562110	4562110	4562110	4562110	4562110
Side coupler				4562200	4562200	4562200	4562200	4562205
Wall Support								
Horizontal brackets	4562120			4552110	4552115	4552220	4552130	–
Vertical/ Suspended/ floor bracket *	4562120			4552310*	4552315*	4552320*	4552330*	–
Fast-fix hanger		4551467 4551470 4551480		4530400	4530400	4530400	4530400	–
Support for box + bracket *				–	–	–	–	4575120*
Pendant bracket + U profile	4562120		4572110	4552910 + 4552420	4552915 + 4552420	4552920 + 4552420	4552930 + 4552420	–

* Same ref. no. used for several applications (e.g. wall, ceiling or floor support).

Complementary accessories are needed to complete the installation of the cable trays and the brackets:

❶ **Fixing:** For fixing the cable tray to the bracket and/or divider to tray. For further details, please refer to the chart "Recommended Fixings" (pg 51).

❷ **Threaded rods:** For ceiling suspended installations, used with supports and brackets.

❸ **Bolts:** For fixing the U-profile to the swivel support, and/or the pendant bracket to the U-profile, and/or fast-fix suspended brackets back-to-back.
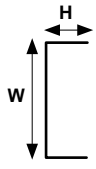
70mm (H)							105mm (H)				
70 x 100	70 x 150	70 x 200	70 x 300	70 x 400	70 x 500	70 x 600	105 x 200	105 x 300	105 x 400	105 x 500	105 x 600
4512210	4512215	4512220	4512230	4512240	4512250	4512260	4512320	4512330	4512340	4512350	4512360
4722760	4722760	4722760	4722760	4722760	4722760	4722760	4722780	4722780	4722780	4722780	4722780
4542110	4542115	4542120	4542130	4542140	4542150	4542160	4542120	4542130	4542140	4542150	4542160
4532800	4532800	4532800	4532800	4532800	4532800	4532800	4532800	4532800	4532800	4532800	4532800
4532200	4532200	4532200	4532200	4532200	4532200	4532200	4532200	4532200	4532200	4532200	4532200
4562110	4562110	4562110	4562110	4562110	4562110	4562110	4562110	4562110	4562110	4562110	4562110
4562205	4562205	4562205	4562205	4562205	4562205	4562205	4562205	4562205	4562205	4562205	4562205
4552110	4552115	4552120	4552130	4552140	4552150	4552160	4552120	4552130	4552140	4552150	4552160
4552310*	4552315*	4552320*	4552330*	4552340*	4552350*	4552360*	4552320*	4552330*	4552340*	4552350*	4552360*
–	–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–
4552910 + 4552420	4552915 + 4552420	4552920 + 4552420	4552930 + 4552420	4552940 + 4552420	4552950 + 4552420	4552960 + 4552420	4552920 + 4552420	4552930 + 4552420	4552940 + 4552420	4552950 + 4552420	4552960 + 4552420

For fire resistant installations with 90 minutes withstand, use the products marked in orange.

Performa Mesh Tray

Selection Guide (Hot-Dip Galvanised)

Dimensions (H x W/mm)

Dimensions (H x W/mm)	Complementary accessories			35mm (H)				60mm (H)
	❶ Fixing	❷ Threaded rod	❸ Bolt	35 x 100	35 x 150	35 x 200	35 x 300	60 x 60
Ceiling Support								
Fast-fix suspended brackets		4555470 4555480	4722912**	4532510	4532510	4532520	4532530	–
Fast-fix suspended brackets		4555470 4555480	4722912	4532570 4532580 4532590	4532570 4532580 4532590	4532570 4532580 4532590	4532570 4532580 4532590	–
Vertical/ Suspended/ floor bracket *	4562120	4555467 4555470 4555480		4552310*	4552315*	4552320*	4552330*	–
Central suspension support		4555467 4555470 4555480		4552430	–	4552430	4552430	–
Fast-fix hanger		4555467 4555470 4555480		4532400	4532400	4532400	4532400	–
Support for box + bracket *		4555467 4555470 4555480		–	–	–	–	4575120*
Support for box + bracket double *		4555467 4555470 4555480		–	–	–	–	–
"C" Shape support		4555467 4555470 4555480		4552440	4552440	4552440	4552440	4552440
"L" shape support		4555467 4555470 4555480		4552450	4552450	4552450	4552450	4552450
Pendant bracket + U profile + swivel support	4562120		4572110	4552910+ 4552410+ 4552420	4552915+ 4552410+ 4552420	4552920+ 4552410+ 4552420	4552930+ 4552410+ 4552420	–
Floor Support								
Insulating floor bracket				4571700	4571700	4571700	4571700	–
Vertical/ Suspended/ floor bracket *	4561120			4552310*	4552315*	4552320*	4552330*	–
Fixing Accessories								
Fixings				4562120	4562120	4562120	4562120	4562120
Locking clip for flat bends				4532900	4532900	4532900	4532900	4532900
Profile fast fixing				4532300	4532300	4532300	4532300	4532100

* Same ref. no. used for several applications (e.g. wall, ceiling or floor support).
** Use bolts to fix fast-fix suspended brackets marked ** back to back.

Complementary accessories are needed to complete the installation of the cable trays and the brackets:

❶ **Fixing:** For fixing the cable tray to the bracket and/or divider to tray. For further details, please refer to the chart "Recommended Fixings" (pg 51).
❷ **Threaded rods:** For ceiling suspended installations, used with supports and brackets.
❸ **Bolts:** For fixing the U-profile to the swivel support, and/or the pendant bracket to the U-profile, and/or fast-fix suspended brackets back-to-back.

Performa Mesh Tray Selection Guide (Hot-Dip Galvanised)

70mm (H)							105mm (H)				
70 x 100	70 x 150	70 x 200	70 x 300	70 x 400	70 x 500	70 x 600	105 x 200	105 x 300	105 x 400	105 x 500	105 x 600
4532510	4532510	4532520	4532530	4532540**	4532550**	4532560**	4532520	4532530	4532540**	4532550**	4532560**
4532570 4532580 4532590	4532570 4532580 4532590	4532570 4532580 4532590	4532570 4532580 4532590	4532570 4532580 4532590	4532570 4532580 4532590	4532570 4532580 4532590	4532570 4532580 4532590	4532570 4532580 4532590	4532570 4532580 4532590	4532570 4532580 4532590	4532570 4532580 4532590
4552310*	4552315*	4552320*	4552330*	4552340*	4552350*	4552360*	4552320*	4552330*	4552340*	4552350*	4552360*
4552430	–	4552430	4552430	–	–	–	4552430	4552430	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–
4575120*	4575120*	4575120*	4575120*	4575120*	4575120*	4575120*	–	–	–	–	–
–	–	–	–	–	–	–	4575130*	4575130*	4575130*	4575130*	4575130*
4552440	4552440	4552440	4552440	4552440	4552440	4552440	4552440	4552440	4552440	4552440	4552440
4552450	4552450	4552450	4552450	4552450	4552450	4552450	4552450	4552450	4552450	4552450	4552450
4552910+ 4552410+ 4552420	4552915+ 4552410+ 4552420	4552920+ 4552410+ 4552420	4552930+ 4552410+ 4552420	4552940+ 4552410+ 4552420	4552950+ 4552410+ 4552420	4552960+ 4552410+ 4552420	4552920+ 4552410+ 4552420	4552930+ 4552410+ 4552420	4552940+ 4552410+ 4552420	4552950+ 4552410+ 4552420	4552960+ 4552410+ 4552420
4571700	4571700	4571700	4571700	4571700	4571700	4571700	4571700	4571700	4571700	4571700	4571700
4552310*	4552315*	4552320*	4552330*	4552340*	4552350*	4552360*	4552320*	4552330*	4552340*	4552350*	4552360*
4562120	4562120	4562120	4562120	4562120	4562120	4562120	4562120	4562120	4562120	4562120	4562120
4532900	4532900	4532900	4532900	4532900	4532900	4532900	4532900	4532900	4532900	4532900	4532900
4532300	4532300	4532300	4532300	4532300	4532300	4532300	4532300	4532300	4532300	4532300	4532300

For fire resistant installations with 90 minutes withstand, use the products marked in orange.

Performa Mesh Tray

Selection Guide (Hot-Dip Galvanised)

Dimensions (H x W/mm)

Dimensions (H x W/mm)	Complementary accessories			35mm (H)				60mm (H)
	❶ Fixing	❷ Threaded rod	❸ Bolt	35 x 100	35 x 150	35 x 200	35 x 300	60 x 60
Cabling Support								
Support for box + bracket*				–	–	–	–	4575120*
Support for box + bracket double*				–	–	–	–	4575130*
Cable drop-out				4532700	4532700	4532700	4532700	–
Mounting Accessories								
Earthing clamp				4571310	4571310	4571310	4571310	4571310
ID label				4551485	4551485	4551485	4551485	4551485

Others (fixings)	Ref. No.
Bolts	
Bolt	4721912
	4576110
Pin bolt	4571115
Bolt cropper	4580110

* Same ref. no. used for several applications (e.g. wall, ceiling or floor support).

Complementary accessories are needed to complete the installation of the cable trays and the brackets:

❶ **Fixing:** For fixing the cable tray to the bracket and/or divider to tray. For further details, please refer to the chart "Recommended Fixings" (pg 51).

❷ **Threaded rods:** For ceiling suspended installations, used with supports and brackets.

❸ **Bolts:** For fixing the U-profile to the swivel support, and/or the pendant bracket to the U-profile, and/or fast-fix suspended brackets back-to-back.

70mm (H)							105mm (H)				
70 x 100	70 x 150	70 x 200	70 x 300	70 x 400	70 x 500	70 x 600	105 x 200	105 x 300	105 x 400	105 x 500	105 x 600
4571120*	4571120*	4571120*	4571120*	4571120*	4571120*	4571120*	4571120*	4571120*	4571120*	4571120*	4571120*
4575130*	4575130*	4575130*	4575130*	4575130*	4575130*	4575130*	4575130*	4575130*	4575130*	4575130*	4575130*
4530700	4530700	4530700	4530700	4530700	4530700	4530700	4530700	4530700	4530700	4530700	4530700
4571310	4571310	4571310	4571310	4571310	4571310	4571310	4571310	4571310	4571310	4571310	4571310
4551485	4551485	4551485	4551485	4551485	4551485	4551485	4551485	4551485	4551485	4551485	4551485

For fire resistant installations with 90 minutes withstand, use the products marked in orange.

Performa Mesh Tray

Selection Guide (Stainless Steel)

Dimensions (H x W/mm)	Complementary accessories			35mm (H)				60mm (H)
	❶ Fixing	❷ Threaded rod	❸ Bolt	35 x 100	35 x 150	35 x 200	35 x 300	60 x 60
Cable Tray								
				4515110	4515115	4515120	4515130	4515206
Dividers								
Fast-fix dividers				4575510	4575510	4575510	4575510	
Cover								
Cover				4545110	4545115	4545120	4545130	4545106
Couplers								
Bolted coupler				4565110	4565110	4565110	4565110	4565110
Side coupler				4565200	4565200	4565200	4565200	4565205
Extendable joint				4565150	4565150	4565150	4565150	4565150
Wall Support								
Horizontal brackets	4565120			4555110	4555115	4556120	4556130	–
Vertical/ Suspended/ floor bracket *	4565120			4555310*	4555315*	4556320*	4556330*	–
Support for box + bracket *				–	–	–	–	4575120*
Pendant bracket + U profile	4565120		4575110	4555910 + 4555420	4555915 + 4555420	4556920 + 4556420	4551930 + 4551420	–
Ceiling Support								
Vertical/ Suspended/ floor bracket *	4565120	4555470 4555480		4555310*	4555315*	4555320*	4555330*	–
Central suspension support		4555470 4555480		4555430	–	4555430	4555430	–
Support for box + bracket *		4555470 4555480		–	–	–	–	4575120
Support for box + bracket double *		4555470 4555480		–	–	–	–	–
"C" Shape support		4555470 4555480		4555440	4555440	4555440	4555440	4551440
"L" shape support		4555470 4555480		4555450	4555450	4555450	4555450	4555450
Pendant bracket + U profile + swivel support	4565120		4575110	4555910+ 4555410+ 4555420	4555915+ 4555410+ 4555420	4555920+ 4555410+ 4555420	4555930+ 4555410+ 4555420	–

* Same ref. no. used for several applications (e.g. wall, ceiling or floor support).

Complementary accessories are needed to complete the installation of the cable trays and the brackets:

❶ **Fixing:** For fixing the cable tray to the bracket and/or divider to tray. For further details, please refer to the chart "Recommended Fixings" (pg 51).

❷ **Threaded rods:** For ceiling suspended installations, used with supports and brackets.

❸ **Bolts:** For fixing the U-profile to the swivel support, and/or the pendant bracket to the U-profile, and/or fast-fix suspended brackets back-to-back.

70mm (H)							105mm (H)				
70 x 100	70 x 150	70 x 200	70 x 300	70 x 400	70 x 500	70 x 600	105 x 200	105 x 300	105 x 400	105 x 500	105 x 600
4515210	4515215	4515220	4515230	4515240	4515250	4515260	4515320	4515330	4515340	4515350	4515360
4575520	4575520	4575520	4575520	4575520	4575520	4575520	4575530	4575530	4575530	4575530	4575530
4545110	4545115	4545120	4545130	4545140	4545150	4545160	4545120	4545130	4545140	4545150	4545160
4565110	4565110	4565110	4565110	4565110	4565110	4565110	4565110	4565110	4565110	4565110	4565110
4565205	4565205	4565205	4565205	4565205	4565205	4565205	4565205	4565205	4565205	4565205	4565205
4565150	4565150	4565150	4565150	4565150	4565150	4565150	4565150	4565150	4565150	4565150	4565150
4555110	4555115	4555120	4555130	4555140	4555150	4555160	4555120	4555130	4555140	4555150	4555160
4555310*	4555315*	4555320*	4555330*	4555340*	4555350*	4555360*	4555320*	4555330*	4555340*	4555350*	4555360*
–	–	–	–	–	–	–	–	–	–	–	–
4555910 + 4555420	4555915 + 4555420	4555920 + 4555420	4555930 + 4555420	4555940 + 4555420	4555950 + 4555420	4555960 + 4555420	4555920 + 4555420	4555930 + 4555420	4555940 + 4555420	4555950 + 4555420	4555960 + 4555420
4555310*	4555315*	4555320*	4555330*	4555340*	4555350*	4555360*	4555320*	4555330*	4555340*	4555350*	4555360*
4555430	–	4555430	4555430				4555430	4555430	–	–	–
4575120*	4575120*	4575120*	4575120*	4575120*	4575120*	4575120*	–	–	–	–	–
–	–	–	–	–	–	–	4575130*	4575130*	4575130*	4575130*	4575130*
4555440	4555440	4555440	4555440	4555440	4555440	4555440	4555440	4555440	4555440	4555440	4555440
4555450	4555450	4555450	4555450	4555450	4555450	4555450	4555450	4555450	4555450	4555450	4555450
4555910+ 4555410+ 4555420	4555915+ 4555410+ 4555420	4555920+ 4555410+ 4555420	4555930+ 4555410+ 4555420	4555940+ 4555410+ 4555420	4555950+ 4555410+ 4555420	4555960+ 4555410+ 4555420	4555920+ 4555410+ 4555420	4555930+ 4555410+ 4555420	4555940+ 4555410+ 4555420	4551950+ 4551410+ 4555420	4555960+ 4555410+ 4555420

For fire resistant installations with 90 minutes withstand, use the products marked in orange.

Performa Mesh Tray

Selection Guide (Stainless Steel)

Dimensions (H x W/mm)	Complementary accessories			35mm (H)				60mm (H)
	❶ Fixing	❷ Threaded rod	❸ Bolt	35 x 100	35 x 150	35 x 200	35 x 300	60 x 60
Floor Support								
Insulating floor bracket				4571700	4571700	4571700	4571700	–
Vertical/ Suspended/ floor bracket *	4565120			4552310*	4555315*	4555320*	4555330*	–
Fixing Accessories								
Fixings				4562120	4565120	4565120	4565120	4565120
Cabling Support								
Support for box + bracket*				–	–	–	–	4575120*
Support for box + bracket double*				–	–	–	–	4575130*
Mounting Accessories								
Earthing clamp				4571310	4571310	4571310	4571310	4571310
ID label	4565120			4551485	4551485	4551485	4551485	4551485

Others (fixings)	Ref. No.
Bolts	
Bolt	4725912 4575110 4326605
Pin bolt	4571115
Bolt cropper	4580110

* Same ref. no. used for several applications (e.g. wall, ceiling or floor support).

Complementary accessories are needed to complete the installation of the cable trays and the brackets:

❶ **Fixing:** For fixing the cable tray to the bracket and/or divider to tray. For further details, please refer to the chart "Recommended Fixings" (pg 51).
❷ **Threaded rods:** For ceiling suspended installations, used with supports and brackets.
❸ **Bolts:** For fixing the U-profile to the swivel support, and/or the pendant bracket to the U-profile, and/or fast-fix suspended brackets back-to-back.

70mm (H)							105mm (H)				
70 x 100	70 x 150	70 x 200	70 x 300	70 x 400	70 x 500	70 x 600	105 x 200	105 x 300	105 x 400	105 x 500	105 x 600
4571700	4571700	4571700	4571700	4571700	4571700	4571700	4571700	4571700	4571700	4571700	4571700
4555310*	4555315*	4555320*	4555330*	4555340*	4555350*	4555360*	4555320*	4555330*	4555340*	4555350*	4555360*
4565120	4565120	4565120	4565120	4565120	4565120	4565120	4565120	4565120	4565120	4565120	4565120
4575120*	4575120*	4575120*	4575120*	4575120*	4575120*	4575120*	4575120*	4575120*	4575120*	4575120*	4575120*
4575130*	4575130*	4575130*	4575130*	4575130*	4575130*	4575130*	4575130*	4575130*	4575130*	4575130*	4575130*
4571310	4571310	4571310	4571310	4571310	4571310	4571310	4571310	4571310	4571310	4571310	4571310
4551485	4551485	4551485	4551485	4551485	4551485	4551485	4551485	4551485	4551485	4551485	4551485

For fire resistant installations with 90 minutes withstand, use the products marked in orange.

Performa Mesh Tray

Index

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