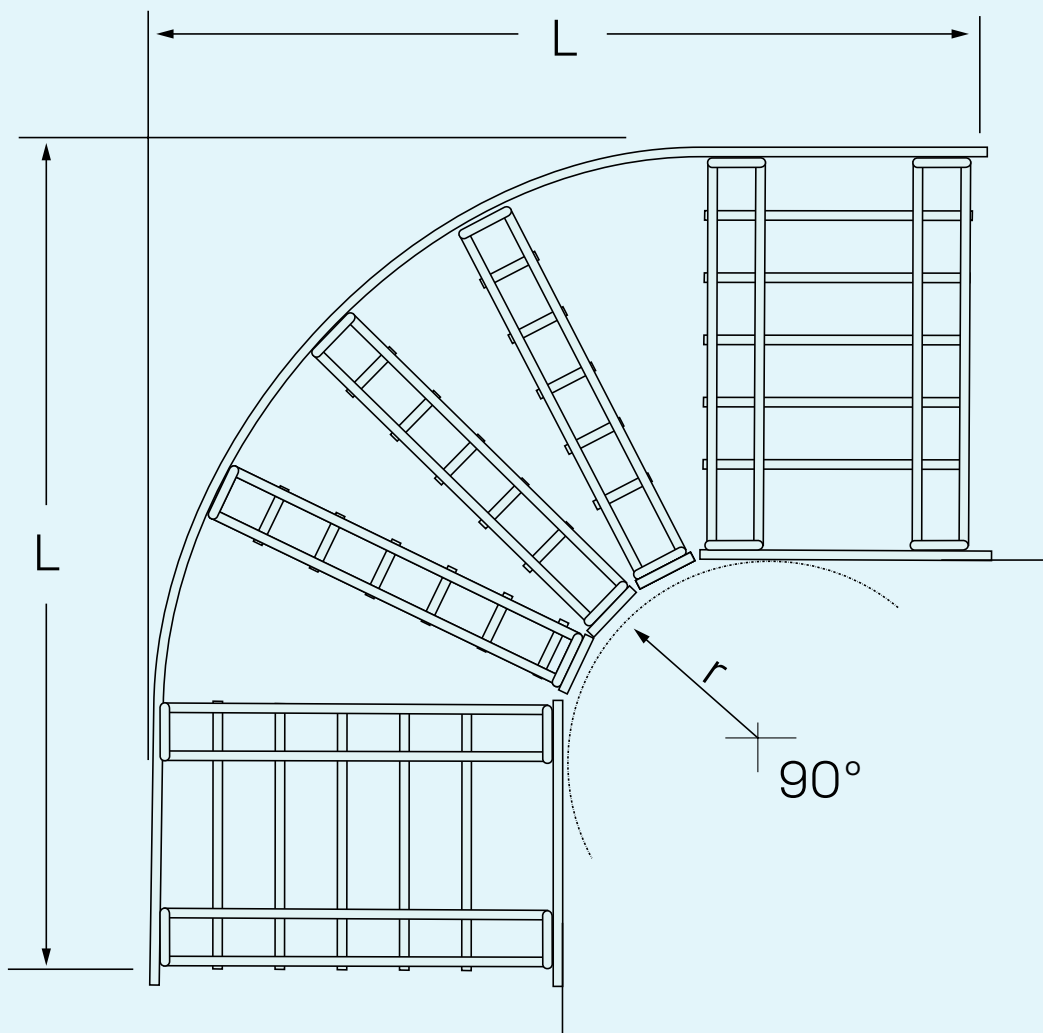


PERFORMA MESH TRAYS CATALOGUE 2023

A fast, flexible and complete range of strong mesh trays



Creating clever, uplifting solutions, together with our clients for almost 100 years. Reimagined in June 2021 – for the coming century.

Looking ahead to the next century, we are reinventing ourselves – as Wibe Group – bringing together four of the world's leading cable management brands as a new independent company to offer a complete, innovative range of cable ladders, cable trays and mesh trays – for applications ranging from commercial buildings to extreme demanding industrial environments.



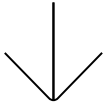
Discover the new solution for a demanding environment

Performa Zinc+ is the innovative and modern surface coating,
eliminating the disadvantages of hot-dip galvanizing

Performa

– the high performance range of mesh trays

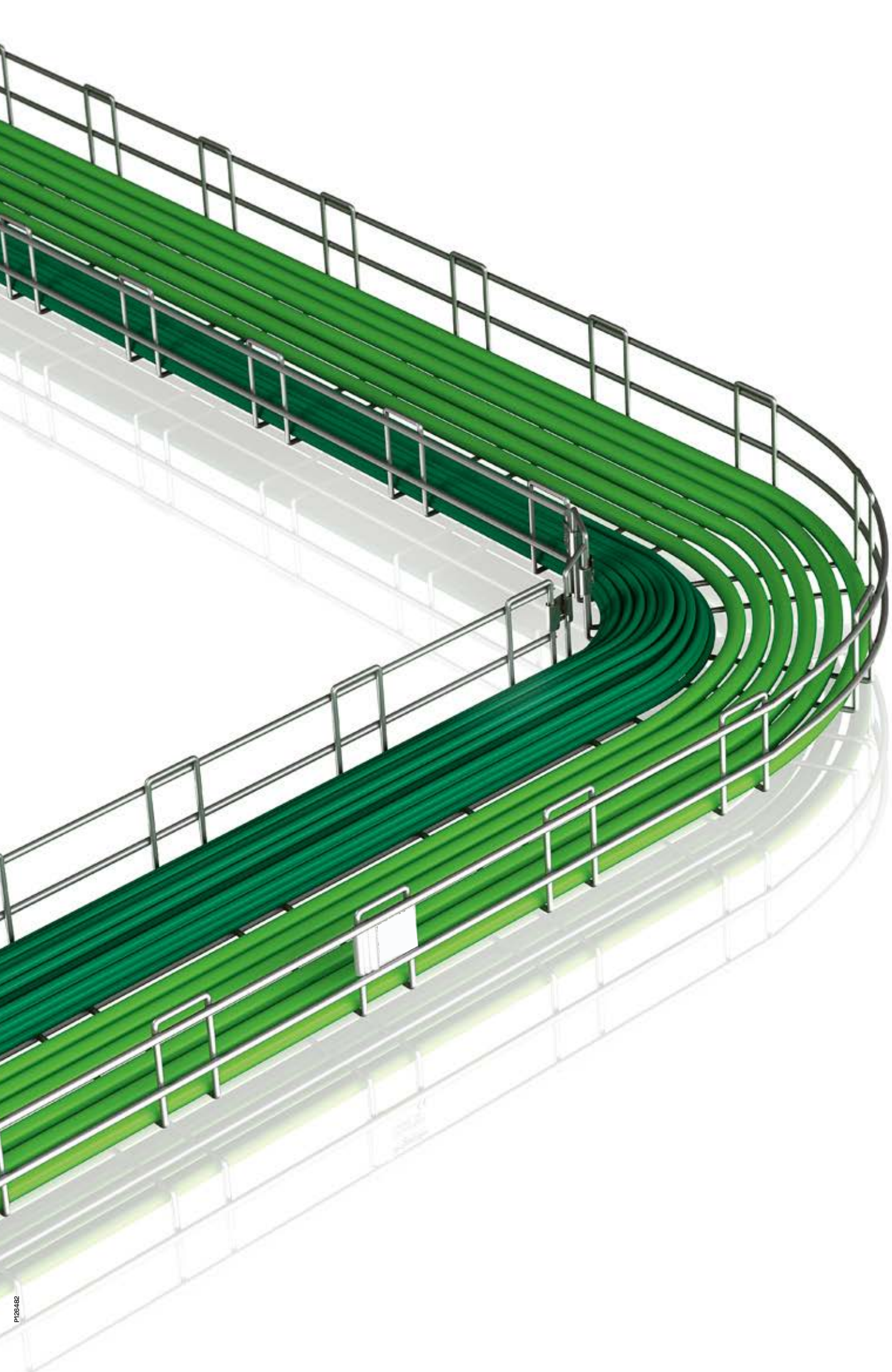
Challenging installation environments, extensive project specifications or varying building constraints on site? No problem. Performa is the complete cable support system, available in several heights and with five surface treatments: electro-zinc, hot-dip galvanized, stainless steel and the new Zinc+.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



Accessories such as bends and raisers are formed on site from length material.

Several innovative benefits

- Performa Zinc+
A new innovative surface coating for improved corrosion resistance, aesthetic finish and reduced environmental impact
- Double transversal wires for outstanding working load
- E90 fire resistance certification
- Reduced installation time with screw-less accessories
- Patented solution for safety edges
- Delivered in a protective film, colour coded for easy identification



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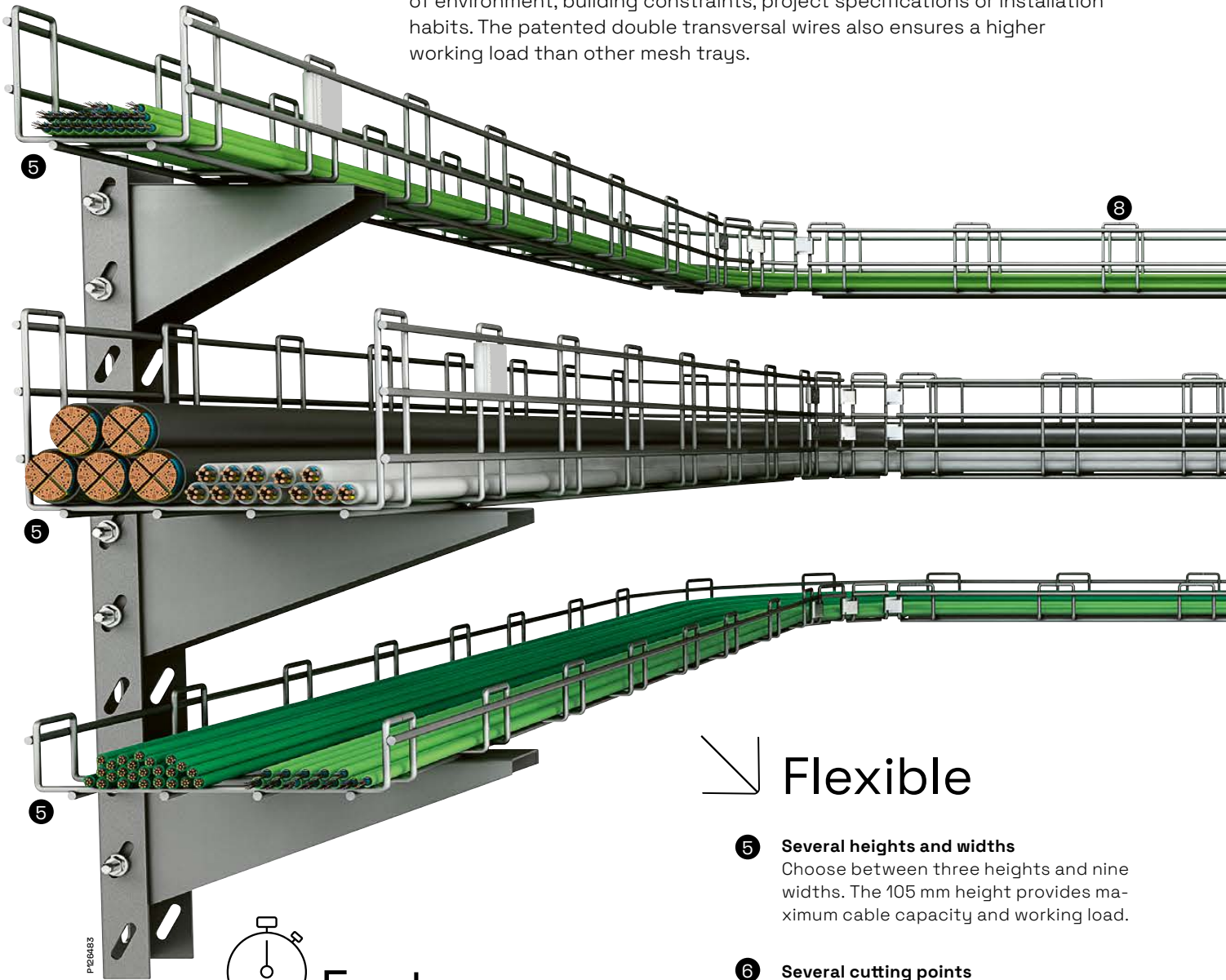
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Performa – a complete range

If you want a fast, flexible and complete range of strong mesh trays – congratulations – here it is. Performa 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 ensures a higher working load than other mesh trays.

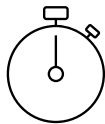


Flexible

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

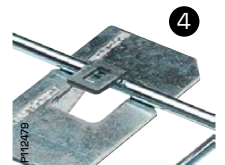
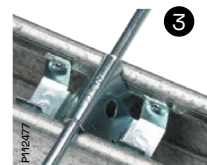
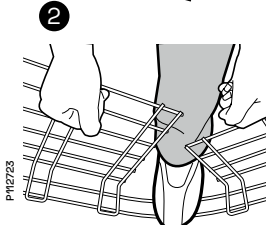
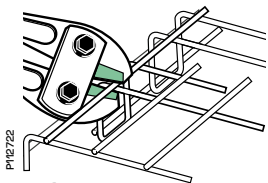
6 Several cutting points
No need to order accessories like bends, junctions etc; create them on site. The double transversal wires allow several cutting points.

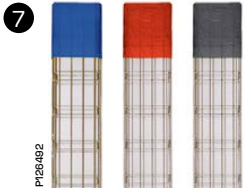
7 Surface treatments for all needs
Electro-zinc, hot-dip galvanized, stainless steel and the new Performa Zinc+. With five types of surface treatments Performa is an excellent choice, regardless of environment.



Fast

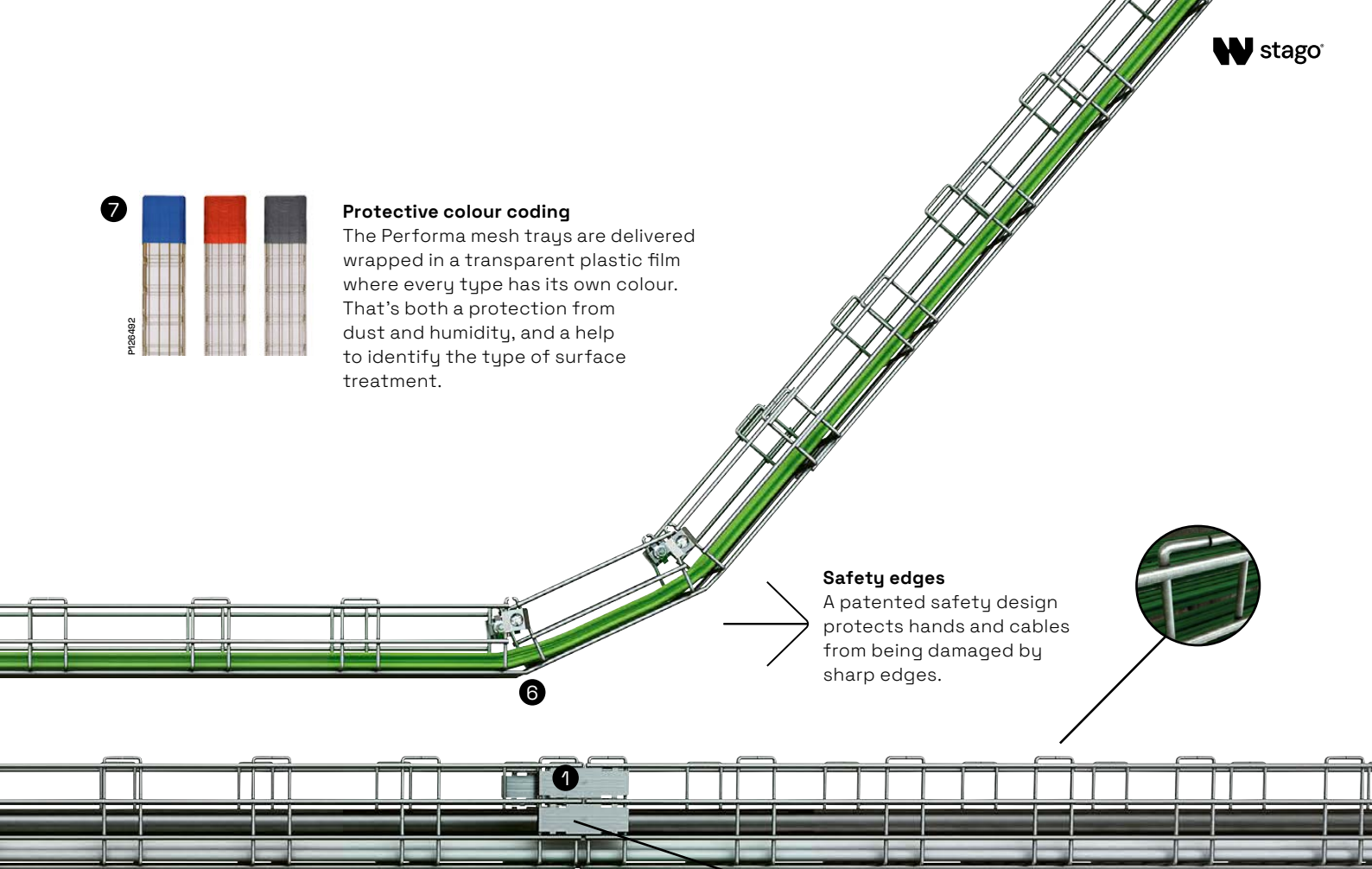
- 1 Screw-less accessories**
Most of our accessories are screw-less. No tools are needed. Simple and efficient.
- 2 Make angles on site**
It's easy. Just cut and bend the angle you need, and fix with the fast-fix locking-clips.
- 3 Fast-fixing**
Fast-fixing to fix mesh trays to profiles 21x41 and 41x41. 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.





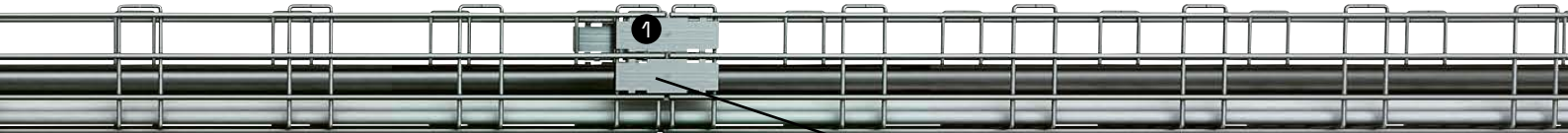
7 Protective colour coding

The 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.



Safety edges

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



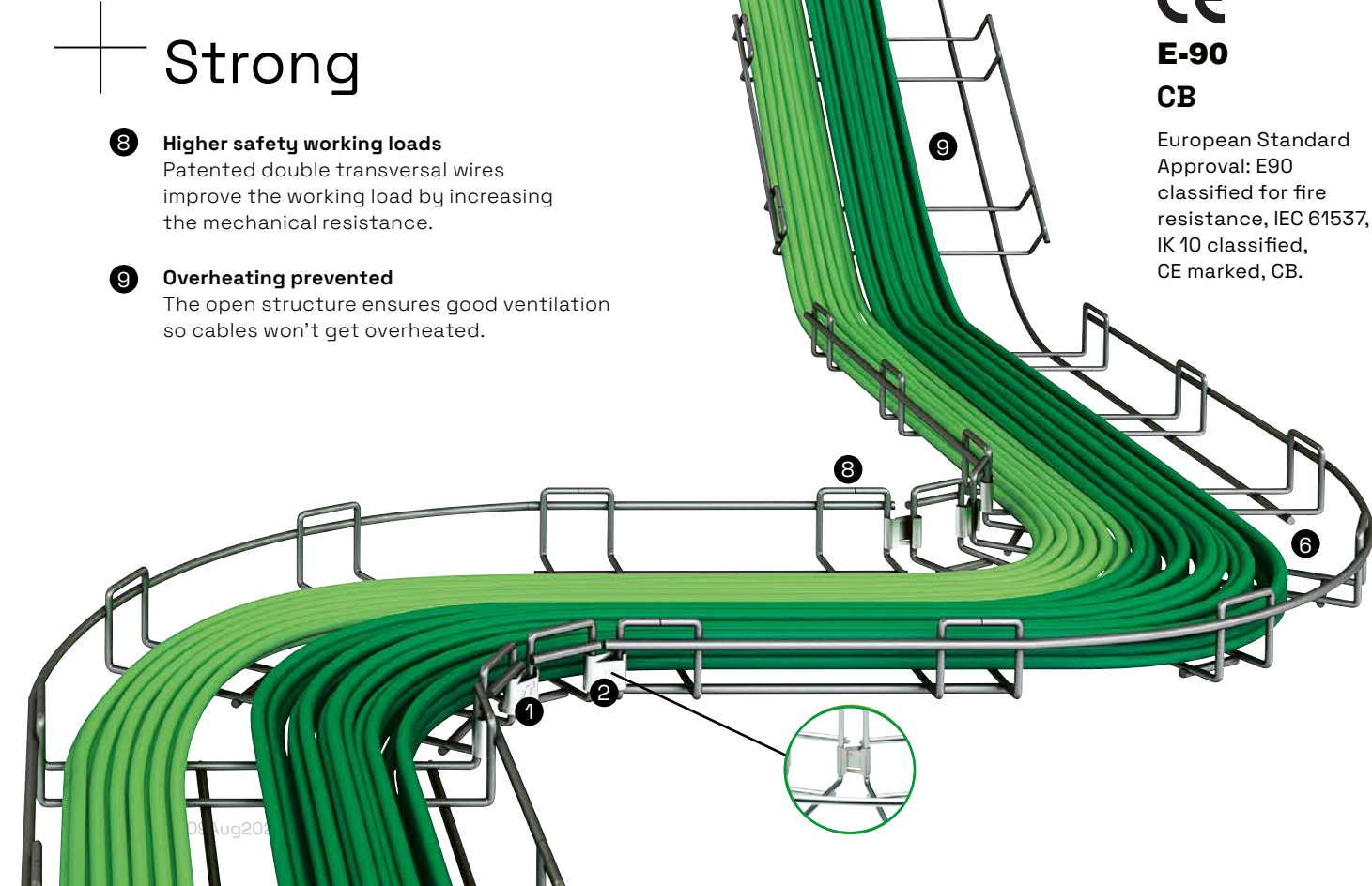
Strong

8 Higher safety working loads
Patented double transversal wires improve the working load by increasing the mechanical resistance.

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

CE
E-90
CB

European Standard Approval: E90 classified for fire resistance, IEC 61537, IK 10 classified, CE marked, CB.



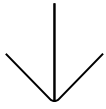


5x2,5mm²

5x2,5mm²

Corrosion control the smart way

All Performa mesh trays are sturdy, thanks to their construction. But a robust design isn't enough when trays are installed in demanding environments, such as the chemical industry, or in acid or alkaline atmospheres. To endure these conditions trays need to be supplied with a higher resistance to corrosion.



A new type of mesh trays for smarter installations in tougher environments; Performa Zinc+.

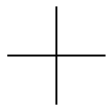
Stainless steel is a very reliable, but also a rather expensive choice. Hot dip galvanized (HDG) trays are the price and trustworthy alternative, but they often have an uneven surface with flakes and sharp edges, caused by the hot-dip galvanizing process.

Sometimes, and for some installations you don't want to risk any friction, strain or

unnecessary scratches to the cables – or to the installer's hands. That's when you need our new range of Performa Zinc+ mesh trays.

Smooth as stainless steel, with a better price and corrosion resistance exceeding that of HDG, Performa Zinc+ is corrosion control the smart way.

Performa Zinc+



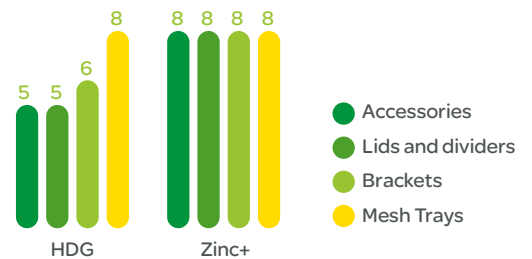
Performa Zinc+ gives excellent corrosion resistance together with a perfect finish. And no deformation resulting from high temperature exposure during the hot-dip galvanizing process.

To address all weak spots we are using a new innovative technique, where the material is evenly coated with a new substance, before the products are constructed.

The surface coating is basically consisting of zinc and aluminium. This results in an excellent galvanic protection and a smooth and aesthetic finish, without any irregularities.

Performa Zinc+ has a superior coating ductility compared to HDG and can easily be bent into shape without ever getting cracks and losing their protective ability. If scratched the surface is close to self repairing.

Salt spray tests prove that Performa Zinc+ system has a corrosion resistance exceeding that of HDG surface treatment (class 8 according to EN 61537 for the complete system).



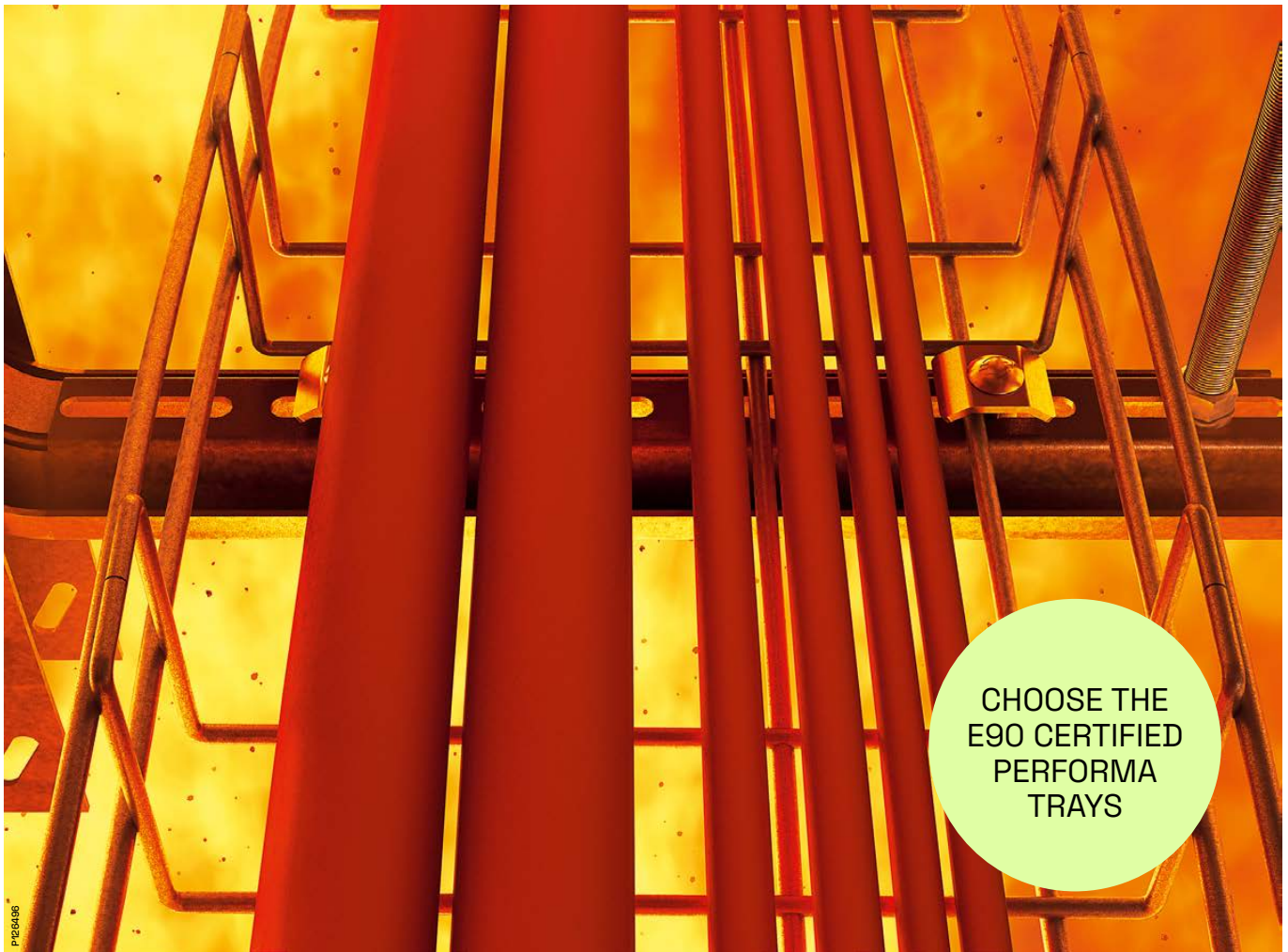
Performa Zinc+ can also be a fully satisfactory alternative to stainless steel in some environments.



Smooth and aesthetic surface finish. No burnings, no flakes and no sharp edges.

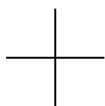


Self-repairing galvanic protection of cut edges and surface damages. Excellent ductility.



CHOOSE THE
E90 CERTIFIED
PERFORMA
TRAYS

Another hot Performa advantage – certified fire protection



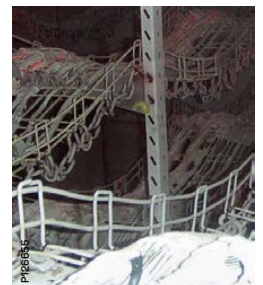
Stands 90 minutes in a temperature up to 1000°C.

Some of our Performa products have had their fire resistance tested and approved for both E30 and E90. We highly recommend these products in well-attended public areas, such as hospitals, airports and schools, where a fire easily can cause panic and a prolonged evacuation time is decisive.

E90 means that the tested mesh trays and accessories, in combination with E90 cables, are certified to stand 90 minutes in temperatures up to 1000° without collapsing, with the electrical performance still remaining intact. That prevents many unnecessary accidents in the event of a fire.



During the test
Performa system with Dätwyler Pyrofil KERAM E30 and E90 cables during the test. Chains (ballast) have been added to achieve a load of 10 kg per 1.2 metre support distance.



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

The importance of fire resistance

The longer mesh trays are resistant to fire, the longer the electric system will be able to operate normally. If it doesn't, it's very likely that critical emergency services, such as fire suppression systems, emergency lighting, ventilation and other basic installations also stop working. By choosing Performa products with E30 and E90 certification you will help decrease the number of casualties in the event of a fire.



About the test


 E90 helps prolonging evacuation time, in the event of a fire.

The Performa products exceeded the fire resistance test, qualifying for the highest level of resistance proposed by this standard – the E90. The trays with accessories and Dätwyler Pyrofil KERAM E30 and E90 cables were tested for 90 minutes in a temperature up to 1000°C (in accordance with the conditions of DIN 4102-12) maintaining circuit integrity against fire.

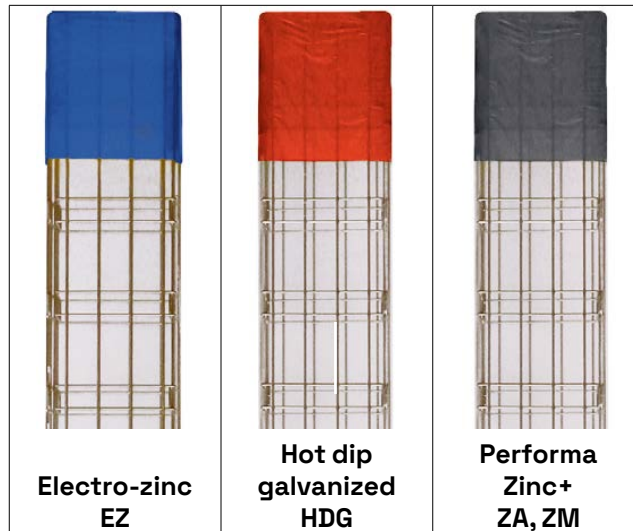
Performa is tested and certified for both E30 and E90. The test was performed and certified by the IBMB institute. IBMB is short for “Institut für Baustoffe, Masivbau und Brandschutz” – a department at the Institute of Technology at the University of Braunschweig in Germany – which for decades has performed public testing to establish fire resistance ratings.



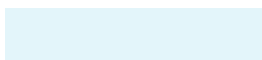
Surface treatments for all environments

Codifications

- EZ = Electro-zinc
- HDG = Hot dip galvanized
- ZA,ZM = Performa Zinc+
- PG = Pre-galvanized
- LZ = Lamellar zinc



	Electro-zinc EZ	Hot dip galvanized HDG	Performa Zinc+ ZA, ZM
Indoor installations, not aggressive atmosphere (office building, commercial malls)			
Indoor installations, aggressive atmosphere, tunnels, underground			
Outdoor installation, urban location			
Chemical industries, acid and alkaline atmosphere			
Harbours, marines, water treatment			
Food industry			
Atmosphere with halogen			



Recommended



Possible to a certain extent. In case of doubt, please contact Wibe Group.

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.

ZA: Performa Zinc+ surface treatment for mesh trays (EN 10244/2) with corrosion resistance exceeding that of HDG surface treatment. Excellent surface finish with self-repairing protection (galvanic protection).

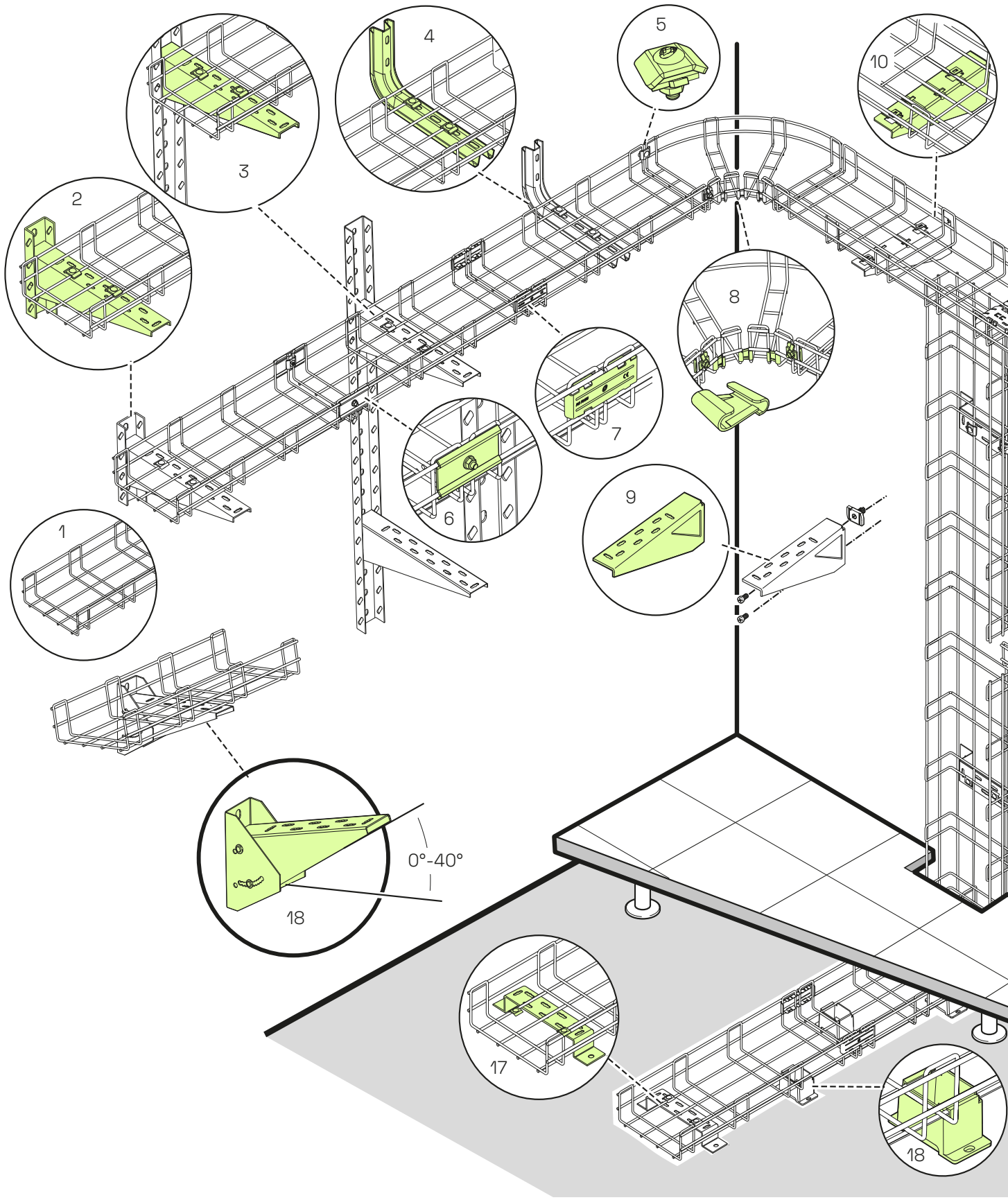
ZM: Performa Zinc+ surface treatment for support and accessory system (EN 10346) with corrosion resistance exceeding that of HDG surface treatment. Excellent surface finish with self-repairing protection (galvanic protection).

PG: Pre-galvanized 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.

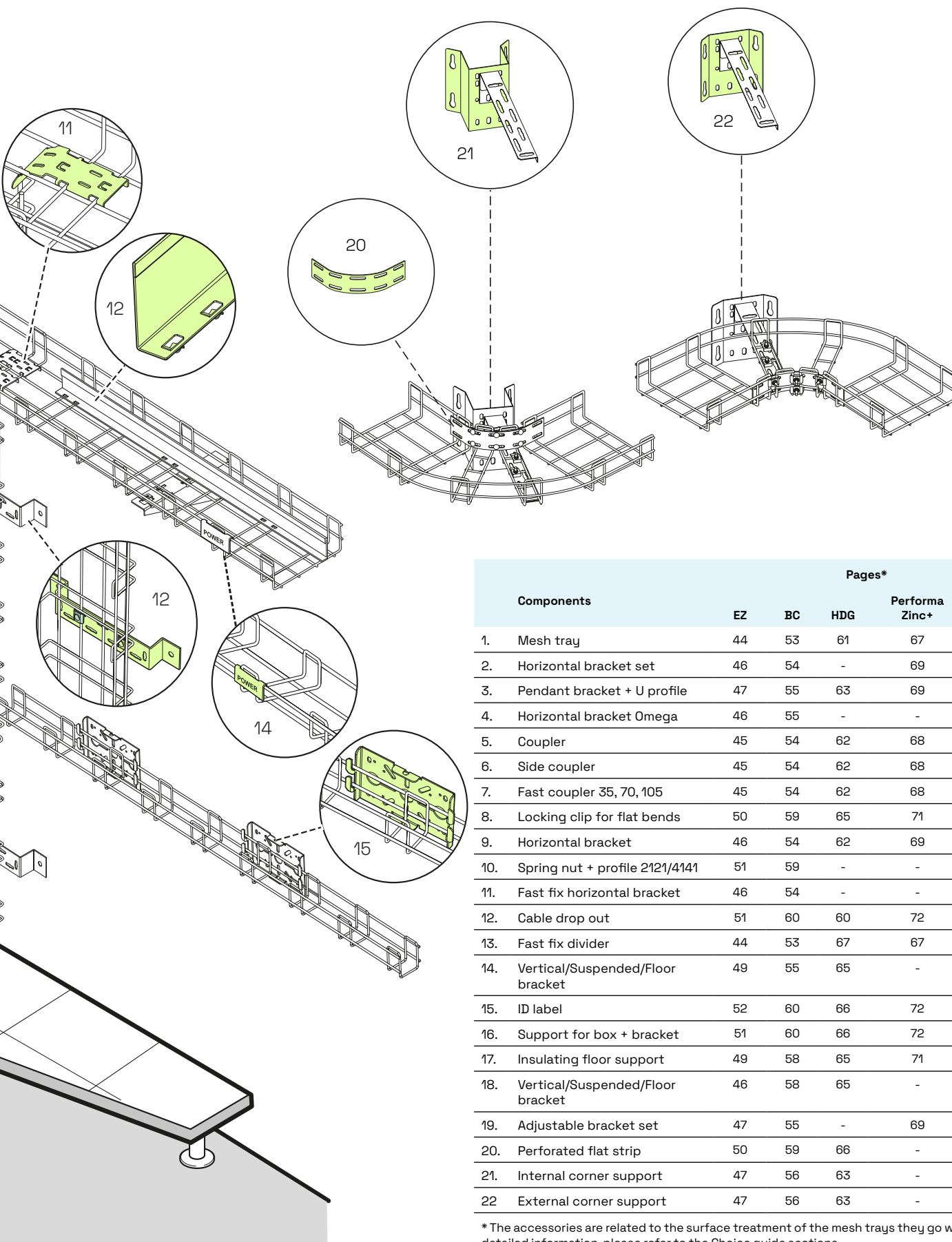
Overall system view

Wall and floor-mounted solutions



Overall system view

Wall and floor-mounted solutions

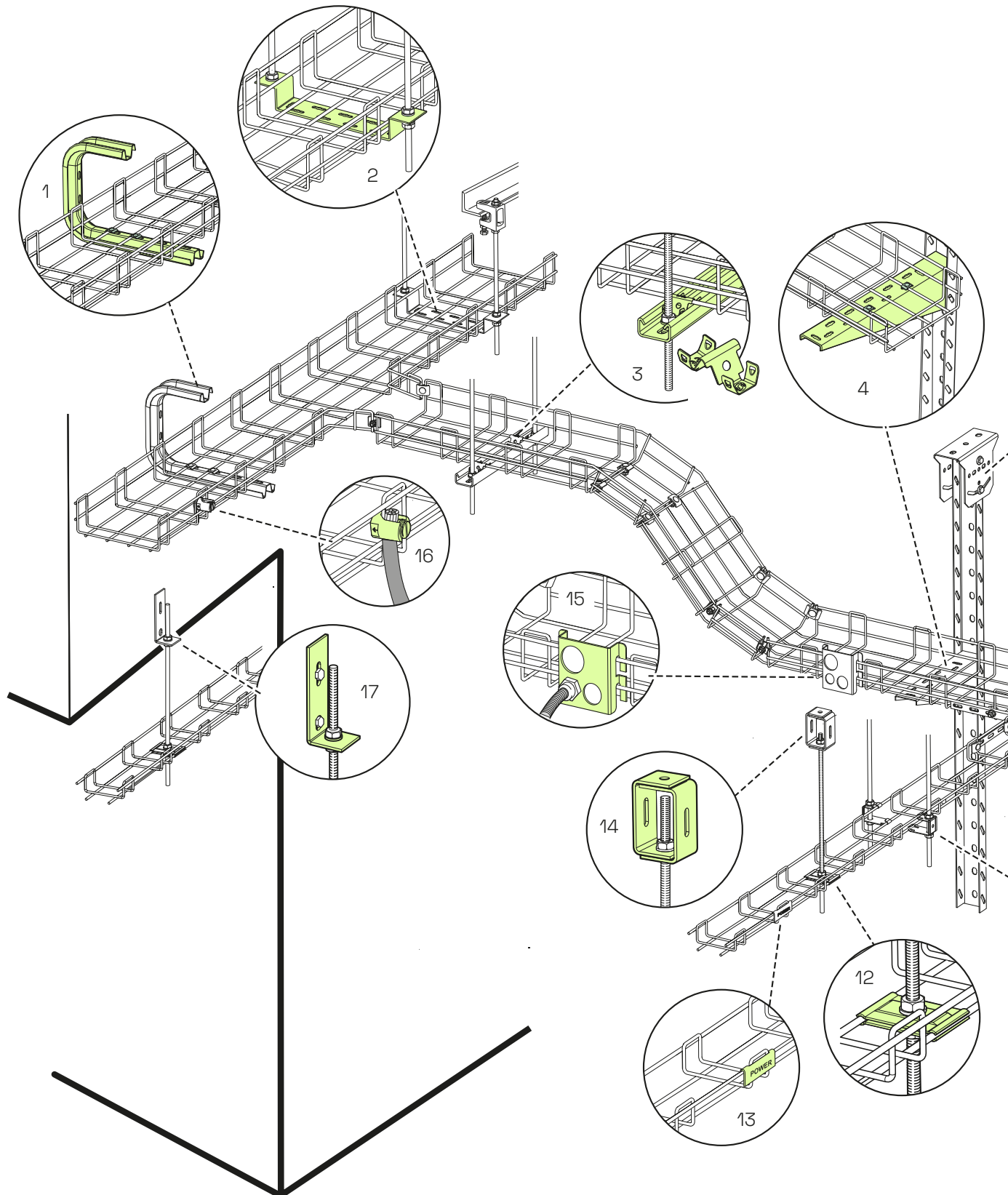


Components	Pages*				
	EZ	BC	HDG	Performa Zinc+	SS
1. Mesh tray	44	53	61	67	73
2. Horizontal bracket set	46	54	-	69	-
3. Pendant bracket + U profile	47	55	63	69	74
4. Horizontal bracket Omega	46	55	-	-	-
5. Coupler	45	54	62	68	74
6. Side coupler	45	54	62	68	74
7. Fast coupler 35, 70, 105	45	54	62	68	74
8. Locking clip for flat bends	50	59	65	71	76
9. Horizontal bracket	46	54	62	69	-
10. Spring nut + profile 2121/4141	51	59	-	-	-
11. Fast fix horizontal bracket	46	54	-	-	-
12. Cable drop out	51	60	60	72	77
13. Fast fix divider	44	53	67	67	73
14. Vertical/Suspended/Floor bracket	49	55	65	-	76
15. ID label	52	60	66	72	77
16. Support for box + bracket	51	60	66	72	77
17. Insulating floor support	49	58	65	71	76
18. Vertical/Suspended/Floor bracket	46	58	65	-	76
19. Adjustable bracket set	47	55	-	69	-
20. Perforated flat strip	50	59	66	-	-
21. Internal corner support	47	56	63	-	-
22. External corner support	47	56	63	-	-

*The accessories are related to the surface treatment of the mesh trays they go with. For detailed information, please refer to the Choice guide sections.

Overall View Of The Performa System

Ceiling suspended solutions

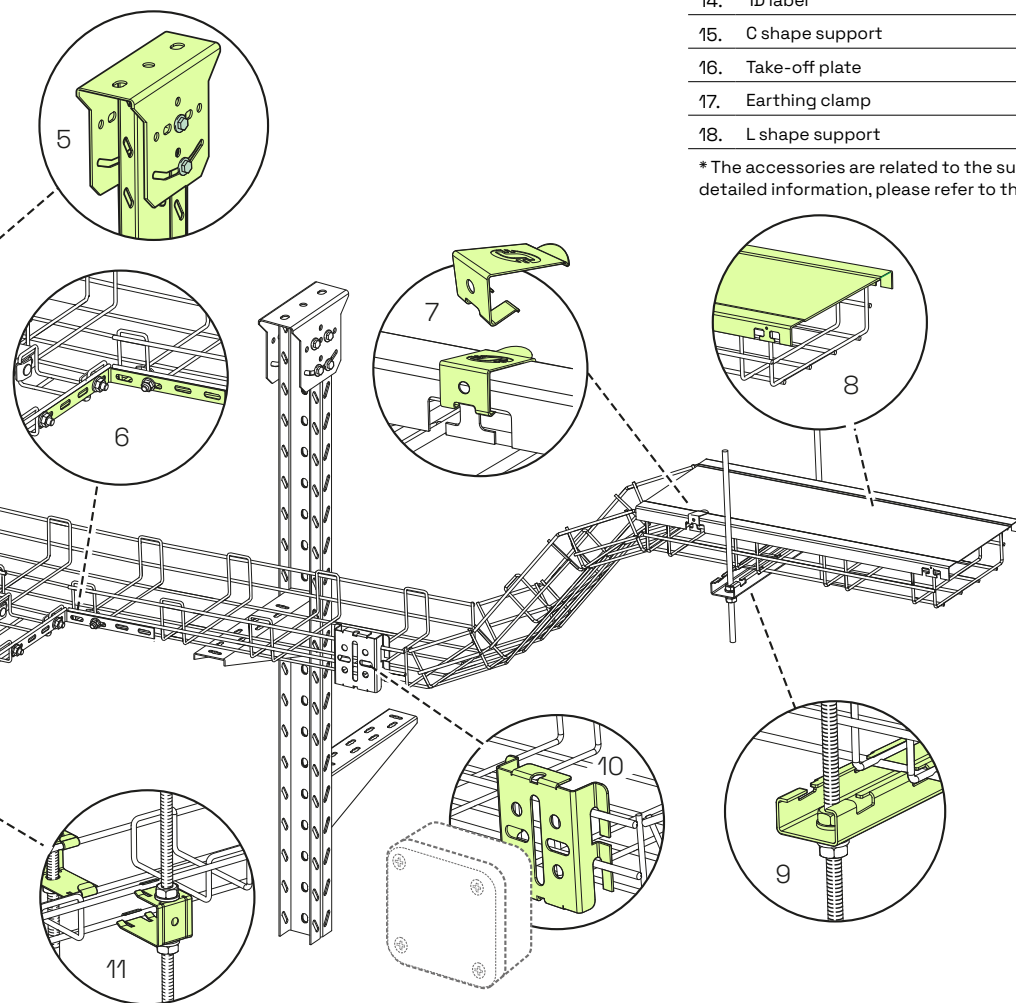


Overall View Of The Performa System

Ceiling suspended solutions

Components	Pages*				
	EZ	BC	HDG	Performa Zinc+	SS
1. Ceiling bracket Omega	48	-	-	70	-
2. Vertical/Suspended/Floor bracket	48	56	63	-	75
3. Beam clamp	51	60	-	71	-
4. Profile fast fixing + Profile 21x41/41x41	-	59	65	71	76
5. Pendant bracket	49	58	64	70	76
6. Swivel support + U profile	49	58	64	71	76
7. Extendable joint	45	54	62	68	74
8. Cover fixing	45,51	53,60	61,66	67,72	73,77
9. Cover	45	53	61	67	73
10. Fast fix suspended bracket	47	56	63	70	-
11. Support for box/bracket	48	57	64	71	77
12. Fast fix hanger 35	48	57	64	70	77
13. Central suspension support	48	57	64	70	75
14. ID label	52	60	66	72	77
15. C shape support	48	57	64	-	75
16. Take-off plate	51	60	-	72	-
17. Earthing clamp	51	60	66	72	77
18. L shape support	48	57	64	-	75

*The accessories are related to the surface treatment of the mesh trays they go with. For detailed information, please refer to the Choice guide sections.







Range Electro-Zinc

Mesh trays, electro-zinc

P112508



Type	Dimensions A/B/C (mm)		Qty per package	EAN code	Ref. No.
Mesh trays, electro-zinc					
Mesh cable tray, length 3 m. ID label with Wibe Group logo, part number, CE-mark and size attached to one side. Material: Steel, electro-zinc.					
Mesh tray 35x50 EZ	40/50/3000		24 m	8428031147204	CSU4511050
Mesh tray 35x100 EZ	40/100/3000		24 m	8428031034443	4511110
Mesh tray 35x150 EZ	40/150/3000		12 m	8428031034450	4511115
Mesh tray 35x200 EZ	40/200/3000		12 m	8428031034467	4511120
Mesh tray 35x300 EZ	40/300/3000		12 m	8428031034474	4511130
Mesh tray 60x60 EZ	65/60/3000		24 m	8428031034481	4511206
Mesh tray 70x100 EZ	75/100/3000		12 m	8428031034498	4511210
Mesh tray 70x150 EZ	75/150/3000		12 m	8428031034504	4511215
Mesh tray 70x200 EZ 	75/200/3000		6 m	8428031034511	4511220
Mesh tray 70x300 EZ 	75/300/3000		6 m	8428031034528	4511230
Mesh tray 70x400 EZ 	75/400/3000		6 m	8428031034535	4511240
Mesh tray 70x500 EZ	75/500/3000		6 m	8428031034559	4511250
Mesh tray 70x600 EZ	75/600/3000		6 m	8428031034566	4511260
Mesh tray 105x200 EZ	110/200/3000		6 m	8428031034573	4511320
Mesh tray 105x300 EZ	110/300/3000		6 m	8428031034580	4511330
Mesh tray 105x400 EZ	110/400/3000		6 m	8428031034597	4511340
Mesh tray 105x500 EZ	110/500/3000		6 m	8428031034610	4511350
Mesh tray 105x600 EZ	110/600/3000		6 m	8428031034627	4511360

Mesh trays with dividers, electro-zinc

Mesh cable tray, length 3 m, with 1 or 2 pre-mounted divider walls. ID label with Wibe Group logo, part number, CE-mark and size attached to one side.
Material: Steel, electro-zinc.



Mesh tray 1 divider 70x100 EZ	75/100/3000		12 m	8428031160081	CSU4521211
Mesh tray 1 divider 70x200 EZ	75/200/3000		6 m	8428031160098	CSU4521221
Mesh tray 2 dividers 70x200 EZ				8428031160104	CSU4521222
Mesh tray 1 divider 70x300 EZ	75/300/3000		6 m	8428031160111	CSU4521231
Mesh tray 2 dividers 70x300 EZ				8428031160128	CSU4521232
Mesh tray 1 divider 70x400 EZ	75/400/3000		6 m	8428031160135	CSU4521241
Mesh tray 2 dividers 70x400 EZ				8428031160142	CSU4521242

Dividers

P12509



Fast-fix dividers

Fast-fix divider, length 3 m, 35, 70 and 105 mm 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-galvanized.

Fast-fix divider 35 PG	27/16/3000		24 m	8428031039417	4571510
Fast-fix divider 70 PG	57/16/3000		24 m	8428031039424	4571520
Fast-fix divider 105 PG	76/16/3000		24 m	8428031039431	4571530

P12590




Bolted dividers

Cable-tray divider, length 3 m, for 35, 70 and 105 mm high mesh trays. Fixed to the mesh tray by bolted fixings (4561120). With perforated base.
Material: Steel, pre-galvanized.

Cable-tray divider 30+35 PG	35/16/3000		20 m	8712186041617	CSU73020000
Cable-tray divider 60+70 PG	60/16/3000		20 m	8712186041945	CSU76020000
Cable-tray divider 80+105 PG	85/16/3000		20 m	3606489448325	CSU78020000

Range Electro-Zinc

Covers

Type	Dimensions A/B/C (mm)		Qty per package	EAN code	Ref. No.
Covers for mesh trays					
Mesh tray cover, length 2 m. To be fixed to the mesh tray by folding the pre-formed flaps on every corner. For extra fixing, 4 Cover fixing clips can be added in the middle of the cover. If the cover is cut, it should be fixed at every corner. Material: Steel, pre-galvanized.					
Mesh tray cover 60 PG	20/60/2000		8 m	8428031037475	4541106
Mesh tray cover 100 PG	20/100/2000		4 m	8428031037499	4541110
Mesh tray cover 150 PG	20/150/2000		4 m	8428031037505	4541115
Mesh tray cover 200 PG	20/200/2000		4 m	8428031037512	4541120
Mesh tray cover 300 PG	20/300/2000		4 m	8428031037529	4541130
Mesh tray cover 400 PG	20/400/2000		4 m	8428031037536	4541140
Mesh tray cover 500 PG	20/500/2000		4 m	8428031037550	4541150
Mesh tray cover 600 PG	20/600/2000		4 m	8428031037567	4541160



Type	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
Cover fixing				
Cover fixing for mesh trays, for extra fixing of the cover if required (optional). Suitable for all sizes from 60 to 600 mm. Direct clip-in. Screw-less. Material: Spring steel, electro-zinc.				
Mesh tray cover fixing EZ	18/15/32	50	8438031140655	4530800



Couplers

Type	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
Fast coupler				
Fast coupler for the coupling of straight elements for 35 mm (2 pcs), 70 mm (2 pcs) and 105 mm (4 pcs) heights. Material: Spring steel, electro-zinc.				
Fast coupler 70+105 EZ	10/30/86	30	8438031140778	4530200
Fast coupler 35 EZ	12/25/61	30	8438031143946	4530135



Type	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
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	8428031039011	4561110



Type	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
Couplers without bolt				
Coupler without bolt for straight elements on both sides of the mesh tray and as central coupler when required. Also used to form accessories from straight elements. Material: Steel, electro-zinc.				
Coupler, upper EZ	27/6/21	50	8428031159344	GSU4561105
Coupler, lower EZ	27/6/21	50	8428031159351	GSU4561108

Type	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
Side couplers				
Side-bolted coupler for the coupling of straight elements. 70+105 also suitable for 60x60 mm mesh tray. Including plate, nut and bolt. Material: Steel, electro-zinc.				
Side coupler 35 EZ	32/—/80	25	8428031039035	4561200
Side coupler 70+105 EZ	46/—/80	25	8428031039042	4561205




Type	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
Joints				
Extendable joint for coupling of straight elements with a distance between them of up to 300 mm. Each unit is supplied with two bolted couplers. Material: Steel, pre-galvanized.				
Extendable joint PG	1/17/300	10	8428031039059	4561150




Range Electro-Zinc

Wall support

Type	Dimensions A/B/C (mm)		Qty per package	EAN code	Ref. No.
Fast-fix horizontal brackets					
Fast-fix bracket for wall-mounted horizontal installations. From 100 to 600 mm 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-galvanized.					
Fast-fix horizontal bracket 100 PG	82/42/144		10	8428031075965	4550110
Fast-fix horizontal bracket 150 PG	82/42/194		10	8428031075972	4550111
Fast-fix horizontal bracket 200 PG	82/42/244		10	8428031075989	4550112
Fast-fix horizontal bracket 300 PG	82/42/344		10	8428031075996	4550113
Fast-fix horizontal bracket 400 PG	130/42/444		5	8428031076009	4550114
Fast-fix horizontal bracket 500 PG	130/42/544		5	8428031076016	4550115
Fast-fix horizontal bracket 600 PG	130/42/644		5	8428031076023	4550116
Horizontal brackets					
Horizontal bracket for wall-mounted horizontal installations. From 100 to 600 mm width. Mesh tray to be fixed to the bracket by bolted fixings (4561120). Material: Steel, pre-galvanized.					
Horizontal bracket 100 PG	82/42/144		10	8428031037666	4551110
Horizontal bracket 150 PG	82/42/194		10	8428031037673	4551115
Horizontal bracket 200 PG	82/42/244		10	8428031037680	4551120
Horizontal bracket 300 PG	82/42/344		10	8428031037703	4551130
Horizontal bracket 400 PG	130/42/444		5	8428031037710	4551140
Horizontal bracket 500 PG	130/42/544		5	8428031037734	4551150
Horizontal bracket 600 PG	130/42/644		5	8428031037741	4551160
Horizontal brackets Ω					
Horizontal bracket Omega for wall-mounted installations. From 100 to 300 mm 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-galvanized.					
Horizontal bracket Ω 100 PG	131/50/150		10	8428031083762	4550310
Horizontal bracket Ω 150 PG	131/50/200		10	8428031083779	4550315
Horizontal bracket Ω 200 PG	131/50/250		10	8428031083786	4550320
Horizontal bracket Ω 300 PG	131/50/350		10	8428031083793	4550330
Horizontal bracket sets					
Horizontal bracket set for wall-mounted horizontal installations. From 100 to 600 mm width. One set includes pendant bracket 200 mm 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-galvanized.					
Horizontal bracket set 100 PG	200/55/162		2	8428031037772	4551210
Horizontal bracket set 150 PG	200/55/212		2	8428031037789	4551215
Horizontal bracket set 200 PG	200/55/262		2	8428031037796	4551220
Horizontal bracket set 300 PG	200/55/362		2	8428031037819	4551230
Horizontal bracket set 400 PG	200/55/462		2	8428031037826	4551240
Horizontal bracket set 500 PG	200/55/562		2	8428031037840	4551250
Horizontal bracket set 600 PG	200/55/662		2	8428031037857	4551260
Vertically mounted brackets					
Bracket for vertical wall-mounted installations. From 100 to 600 mm width. Mesh tray to be fixed to bracket by bolted fixings (4561120). Material: Steel, pre-galvanized.					
Vertical/suspended/floor bracket 100 PG	38/50/185		10	8428031037864	4551310
Vertical/suspended/floor bracket 150 PG	38/50/235		10	8428031037871	4551315
Vertical/suspended/floor bracket 200 PG	38/50/285		10	8428031037888	4551320
Vertical/suspended/floor bracket 300 PG	38/50/385		10	8428031037918	4551330
Vertical/suspended/floor bracket 400 PG	38/50/485		5	8428031037925	4551340
Vertical/suspended/floor bracket 500 PG	38/50/585		5	8428031037949	4551350
Vertical/suspended/floor bracket 600 PG	38/50/685		5	8428031037956	4551360
Wall mounted bracket for 35x50					
Fast-fix hanger to be used in horizontal wall-mounted installations with a 35x50 mm mesh tray. Direct clip-in. No tools required, screw-less. Material: Spring steel, electro-zinc.					
Fast-fix hanger 35 EZ	37/29/54		20	8438031141041	4530400

Range Electro-Zinc

Wall support

Type	Dimensions A/B/C (mm)		Qty per package	EAN code	Ref. No.
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Wall-mounted bracket for 60x60

Clip-on bracket to be used as horizontal wall bracket for 60x60 mm mesh trays. Material: Steel, pre-galvanized.

Support for box + bracket PG	20/92/72		10	8428031039301	4571120
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Adjustable bracket sets

Adjustable bracket set for wall-mounted installations. From 100 to 600 mm 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-galvanized.

Adjustable bracket set 100 PG	140/55/162		2	8428031038090	4551510
Adjustable bracket set 150 PG	140/55/212		2	8428031038106	4551515
Adjustable bracket set 200 PG	140/55/262		2	8428031038113	4551520
Adjustable bracket set 300 PG	140/55/362		2	8428031038137	4551530
Adjustable bracket set 400 PG	140/55/462		2	8428031038144	4551540
Adjustable bracket set 500 PG	140/55/562		2	8428031038168	4551550
Adjustable bracket set 600 PG	140/55/662		2	8428031038175	4551560

U-profile

U-profile. Fixed to the wall for wall-mounted installations. To be used with pendant brackets. Material: Steel, pre-galvanized.

U-profile PG	30/55/1000		4 m	8428031037987	4551420
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Pendant brackets

Pendant bracket from 100 to 600 mm 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-galvanized.

Pendant bracket 100 PG	87/50/160		10	8428031039790	4551910
Pendant bracket 150 PG	87/50/210		10	8428031039806	4551915
Pendant bracket 200 PG	87/50/260		10	8428031039813	4551920
Pendant bracket 300 PG	94/50/360		10	8428031039837	4551930
Pendant bracket 400 PG	100/50/460		4	8428031039844	4551940
Pendant bracket 500 PG	110/50/560		4	8428031039868	4551950
Pendant bracket 600 PG	110/50/660		4	8428031039875	4551960

Corner supports

External and internal corner supports for 90° corners. Intended to be used together with horizontal brackets. Material: Steel, pre-galvanized.

External corner support PG	165/85/140		2	8428031159764	CSU4551095
Internal corner support PG	165/30/150		2	8428031159757	CSU4551090

OEM bracket

Support to be used direct on the mesh trays fixed in the bottom of the models 35x100/150/200/300 and 70x100/150. It can also be fixed to the side of the models 70x100/150. Material: Steel, pre-galvanized.

OEM bracket PG	65/20/60		10	3606480454332	CSU4571725
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Ceiling support


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 4 for 400 mm widths and upwards, two brackets must be mounted together back-to-back using bolts (4721912). For the 2000 and 3000 mm widths, the threaded rods should be placed all along the brackets, with a maximum distance between them of 950 mm. Material: Steel, pre-galvanized.

Fast-fix suspended bracket 150 PG	20/40/250		6	8438031140495	4530510
Fast-fix suspended bracket 200 PG	20/40/300		6	8438031140501	4530520
Fast-fix suspended bracket 300 PG	20/40/400		6	8438031140518	4530530
Fast-fix suspended bracket 400 PG	20/40/500		6	8438031140525	4530540
Fast-fix suspended bracket 500 PG	20/40/600		6	8438031140532	4530550
Fast-fix suspended bracket 600 PG	20/40/700		6	8438031140549	4530560
Fast-fix suspended bracket 1000 PG	20/40/1000		2 m	8438031140556	4530570
Fast-fix suspended bracket 2000 PG	20/40/2000		4 m	8438031140563	4530580
Fast-fix suspended bracket 3000 PG	20/40/3000		6 m	8438031140570	4530590

Range Electro-Zinc

Ceiling support

Type	Dimensions A/B/C (mm)		Qty per package	EAN code	Ref. No.
Suspended brackets					
Suspension bracket for ceiling-suspended installations with threaded rods. From 100 to 600 mm width. Mesh tray fixed to the bracket by bolted fixings (4561120). Material: Steel, pre-galvanized.					
Vertical/suspended/floor bracket 100 PG	38/50/185		10	8428031037864	4551310
Vertical/suspended/floor bracket 150 PG	38/50/235		10	8428031037871	4551315
Vertical/suspended/floor bracket 200 PG	38/50/285		10	8428031037888	4551320
Vertical/suspended/floor bracket 300 PG	38/50/385		10	8428031037918	4551330
Vertical/suspended/floor bracket 400 PG	38/50/485		5	8428031037925	4551340
Vertical/suspended/floor bracket 500 PG	38/50/585		5	8428031037949	4551350
Vertical/suspended/floor bracket 600 PG	38/50/685		5	8428031037956	4551360
Ceiling brackets Ω					
Ceiling bracket Omega for direct fixing to the ceiling. From 100 to 300 mm width. Mesh tray fixed to the bracket by bolted fixings (4561120). Supplied with strut. 600 mm bracket is used as pendant bracket in combination with horizontal brackets Ω. Material: Steel, pre-galvanized.					
Ceiling bracket Ω 100 PG	196/50/153		4	8428031083809	4550410
Ceiling bracket Ω 150 PG	196/50/204		4	8428031083816	4550415
Ceiling bracket Ω 200 PG	196/50/252		4	8428031083823	4550420
Ceiling bracket Ω 300 PG	196/50/357		4	8428031083830	4550430
Ceiling bracket Ω 600 PG	131/50/610		5	8428031146740	CSU4550360
Reinforcement for Ω bracket PG	75/20/20		10	8428031147655	CSU4550365
Heavy-duty suspended brackets					
Bracket for ceiling-suspended installations with threaded rods. From 200 to 600 mm width. Mesh tray fixed to the bracket by bolted fixings (4561120). Material: Steel, pre-galvanized.					
Heavy-duty suspended bracket 200 PG	60/41.7/267.5		4	8428031084387	4551620
Heavy-duty suspended bracket 300 PG	60/41.7/347.5		4	8428031084394	4551630
Heavy-duty suspended bracket 400 PG	60/41.7/467.5		4	8428031084400	4551640
Heavy-duty suspended bracket 500 PG	60/41.7/547.5		4	8428031084417	4551650
Heavy-duty suspended bracket 600 PG	60/41.7/667.5		4	8428031084424	4551660
Suspension supports					
Central suspension support for ceiling-suspended installations with threaded rods. Hole Ø 8.5 mm. Recommended for mesh trays up to 300 mm width. Not suitable for 60x60, 35x150 and 70x150 mm mesh trays. Material: Steel, electro-zinc.					
Central suspension support EZ	40/4/60		30	8428031037994	4551430
Fast-fix hanger					
Fast-fix hanger for 35 mm 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	8438031141041	4530400
Side suspension brackets					
Clip-on bracket to be used for ceiling-suspended installations of 60, 70 and 105 mm high mesh trays with threaded rods. Material: Steel, pre-galvanized.					
Support for box + bracket PG	20/72/92		10	8428031039301	4571120
Support for box + bracket, double, PG	20/100/182		5	8428031065980	4571130
C-shape support					
C-shape support for ceiling-suspended installation. To be used together with threaded rods. Material: Steel, pre-galvanized.					
C-shape support PG	70/39/36		10	8428031038007	4551440
L-shape support					
L-shape support for suspended installations with threaded rods. Material: Steel, pre-galvanized.					
L-shape support PG	104/39/36		10	8428031038014	4551450

P112520



P112521



P112522



P112523



P112525



P112518



P112506



P112525




P112524



Range Electro-Zinc








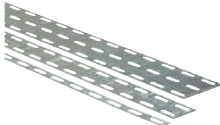

Ceiling support

Type	Dimensions A/B/C (mm)		Qty per package	EAN code	Ref. No.
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-galvanized.					
Support extension M10	20/25/140		10	3606480456084	4551992
Threaded rods					
Threaded rod for ceiling-suspended installations, used with suspension support and brackets. Supplied with nuts and washers. Material: Steel, pre-galvanized.					
Threaded rod M6x1m PG	M6/1000		10	8428031038038	4551467
Threaded rod M8x0,5m PG	M8/500		10	8428031038045	4551470
Threaded rod M8x1m PG	M8/1000		10	8428031038052	4551480
Threaded rod M10x1 m PG	M10/1000		2	8712186037269	CSU08050000
Rod connectors					
Rod connector intended to join two threaded rods in ceiling-suspended installation. Material: Steel, pre-galvanized.					
Rod connector M6 PG	M6/30		50	8428031038069	4551481
Rod connector M8 PG	M8/30		50	8428031038076	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-galvanized.					
Swivel pendant support PG	116/150/60		4	8428031037970	4551410
U-profile					
U-profile. For ceiling-suspended installations in combination with swivel pendant support (4551410) and pendant brackets. Material: Steel, pre-galvanized.					
U-profile PG	30/55/1000		4 m	8428031037987	4551420
Pendant brackets, pre-galvanized					
Pendant bracket from 100 to 600 mm 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-galvanized.					
Pendant bracket 100 PG	87/50/160		10	8428031039790	4551910
Pendant bracket 150 PG	87/50/210		10	8428031039806	4551915
Pendant bracket 200 PG	87/50/260		10	8428031039813	4551920
Pendant bracket 300 PG	94/50/360		10	8428031039837	4551930
Pendant bracket 400 PG	100/50/460		4	8428031039844	4551940
Pendant bracket 500 PG	110/50/560		4	8428031039868	4551950
Pendant bracket 600 PG	110/50/660		4	8428031039875	4551960

Floor support








Insulating support					
Insulating support for floor installations. Suitable for all mesh trays except 60x60 mm. The mesh tray is fixed by clipping wires into the support. Maximum recommended span between supports: 1 m. Material: PA 6.6, colour black.					
Insulating floor support	45/44.5/85		20	8428031066000	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-galvanized.					
Vertical/suspended/floor bracket 100 PG	38/50/185		10	8428031037864	4551310
Vertical/suspended/floor bracket 150 PG	38/50/235		10	8428031037871	4551315
Vertical/suspended/floor bracket 200 PG	38/50/285		10	8428031037888	4551320
Vertical/suspended/floor bracket 300 PG	38/50/385		10	8428031037918	4551330
Vertical/suspended/floor bracket 400 PG	38/50/485		5	8428031037925	4551340
Vertical/suspended/floor bracket 500 PG	38/50/585		5	8428031037949	4551350
Vertical/suspended/floor bracket 600 PG	38/50/685		5	8428031037956	4551360

Range Electro-Zinc




Fixing accessories					
Type	Dimensions A/B/C (mm)		Qty per package	EAN code	Ref. 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.					
P112656 	Locking clip for flat bend EZ	6/18/21	50	8438031143960	4530900
Profile fast-fixings					
Fast-fixing intended to fix mesh trays to profiles 21x41 and 41x41. Specific design for 60x60 mm mesh tray. Direct clip-in. No tools required, screw-less. Suitable only for horizontal installations. Material: Spring steel, electro-zinc.					
P112672 	Profile fast-fixing EZ	29/51/19	50	8438031141027	4530300
P112671 	Profile fast-fixing 6060 EZ	54/68/34	25	8438031140792	4530100
Fixings					
Fixing device for fixing of the mesh trays to brackets. Material: Steel, electro-zinc.					
P112653 	Fixing EZ	23.5/23.5	50	8428031039028	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.					
P112654 	Bolt M6x20 EZ	23.5/13.5	50	8428031039264	4571110
	Bolt M6x12 EZ	23.5/13.5	50	8428031040673	4721912
P112667 	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	8428031039288	4571115
Perforated flat strip					
Perforated flat strip for reinforcement of the interior corner of a bend of a cut mesh tray. Cut to length depending on the mesh tray size and the angle of the bend. Suitable for mesh tray heights 35, 70 or 105 mm. Used in combination with bolted fixings (4561120). Material: Steel, pre-galvanized.					
P126436 	Flat strip joint 35 PG	1/17/1000	10	8428031162863	CSU4561310
	Flat strip joint 70 PG	1/45/1000	10	8428031162887	CSU4561320
	Flat strip joint 105 PG	1/80/1000	10	8428031162900	CSU4561330
Rectangular nuts					
Rectangular nut for the fixing of brackets to mounting profiles 20x40 using bolts. Material: Steel, electro-zinc.					
P112655 	Rectangular nut M6	20/5/36	100	8428031012038	1506150
	Rectangular nut M8	20/5/36	100	8428031012045	1506155

Range Electro-Zinc

Fixing accessories







Type	Dimensions A/B/C (mm)	 Qty per package	EAN code	Ref. No.
Beam clamps				
Beam clamp for suspended installations. To be used together with threaded rods M8 or M10. Material: Steel, electro-zinc.				
 P112537	36/38/18	10	8428031065874	4571408
	41.5/44.5/21	10	8428031065881	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.				
 P112538	50/46/40	20	8428031065836	4571416
	50/46/40	20	8428031065843	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.				
 P112539	92/33/19	20	8428031065850	4571436
	92/33/19	20	8428031065867	4571438
Cover fixing				
Cover fixing for mesh trays, for extra fixing of the cover if required (optional). Suitable for all sizes from 60 to 600 mm. Direct clip-in. Screw-less. Material: Spring steel, electro-zinc.				
 P112569	18/15/32	50	8438031140655	4530800
Supports for derivation box				
Clip-on bracket to be used for fixing of a derivation box in 60, 70 and 105 mm high mesh trays. Material: Steel, pre-galvanized.				
 P112578	20/72/92	10	8428031039301	4571120
 P112506	20/100/182	5	8428031065980	4571130

Other accessories

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 105 mm high trays. Material: Steel, pre-galvanized.				
 P112540	85/146	10	8428031085384	4571315
Cable drop-out				
Cable drop-out to be directly clipped-in on all sizes of mesh tray except 60x60 mm. Fixed by folding a flap at the bottom with a screw-driver. Screw-less. Material: Steel, electro-zinc.				
 P112486	50/37/111	10	8438031141065	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 70 mm². Material: Brass, electrolytical nickel coating.				
 P112470	85/107/24	10	8428031039400	4571310

Range Electro-Zinc

Other accessories

Type	Dimensions A/B/C (mm)	 Qty per package	EAN code	Ref. No.	
End plugs					
End plug to be mounted on U-profiles. Intended to provide protection against personal injuries and make the ends of the profiles more conspicuous. Material: PP/TPE, orange.					
 P135756	End plug for one U-profile	20/40/60	20	3606480457579	CSU4551421
 P135757	End plug for two U-profiles mounted back-to-back	27/75/60	20	3606480457586	CSU4551422
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.					
 P112542	ID-label	30/100	25	8428031073558	4551485
Cutting tool					
Bolt cropper for cutting and forming of accessories from straight elements. Suitable for all sizes and finishes.					
 P112543	Bolt cropper	130/470	1	8428031043759	4580110
Protective paint					
Protective spray paint for protection of cut wires from external agents. Capacity 400 ml.					
 P112544	Protective spray paint EZ	—	1	8428031039646	4580130

Range

Hot-dip galvanized

Mesh trays, hot-dip galvanized

P12545



Type	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
Mesh trays, hot-dip galvanized				
Mesh cable tray, length 3 m. ID label with Wibe Group logo, part number, CE-mark and size attached to one side. Material: Steel, hot-dip galvanized.				
Mesh tray 35x50 HDG	40/50/3000	24 m	8428031147228	CSU4512050
Mesh tray 35x100 HDG	40/100/3000	24 m	8428031034641	4512110
Mesh tray 35x150 HDG	40/150/3000	12 m	8428031034658	4512115
Mesh tray 35x200 HDG	40/200/3000	12 m	8428031034665	4512120
Mesh tray 35x300 HDG	40/300/3000	12 m	8428031034672	4512130
Mesh tray 60x60 HDG	65/60/3000	24 m	8428031034689	4512206
Mesh tray 70x100 HDG	75/100/3000	12 m	8428031034696	4512210
Mesh tray 70x150 HDG	75/150/3000	12 m	8428031034702	4512215
Mesh tray 70x200 HDG	75/200/3000	6 m	8428031034719	4512220
Mesh tray 70x300 HDG	75/300/3000	6 m	8428031034726	4512230
Mesh tray 70x400 HDG	75/400/3000	6 m	8428031034733	4512240
Mesh tray 70x500 HDG	75/500/3000	6 m	8428031034757	4512250
Mesh tray 70x600 HDG	75/600/3000	6 m	8428031034764	4512260
Mesh tray 105x200 HDG	110/200/3000	6 m	8428031034771	4512320
Mesh tray 105x300 HDG	110/300/3000	6 m	8428031034788	4512330
Mesh tray 105x400 HDG	110/400/3000	6 m	8428031034795	4512340
Mesh tray 105x500 HDG	110/500/3000	6 m	8428031034818	4512350
Mesh tray 105x600 HDG	110/600/3000	6 m	8428031034825	4512360

Dividers

P26435



Fast-fix dividers				
Fast-fix divider, length 3 m, 35, 70 and 105 mm 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, ZnAlMg.				
Fast fix divider 35 ZM	27/16/3000	24 m	8428031160999	CSU4578510
Fast fix divider 70 ZM	57/16/3000	24 m	8428031161002	CSU4578520
Fast fix divider 105 ZM	76/16/3000	24 m	8428031160982	CSU4578530

P12550



Bolted dividers				
Cable-tray divider, length 3 m, for 35, 70 and 105 mm high mesh trays. Fixed to the mesh tray by bolted fixings (4562120). With perforated base. Material: Steel, hot-dip galvanized.				
Cable-tray divider 30+35 HDG	35/16/3000	20 m	7321679000003	CSU83020000
Cable-tray divider 60+70 ZP	60/16/3000	20 m	3606480782473	CSU86020000

Covers

P12311



Covers for mesh trays, hot-dip galvanized				
Mesh tray cover, length 2 m. To be fixed to the mesh tray by folding the pre-formed flaps on every corner. For extra fixing, 4 Cover fixing clips can be added in the middle of the cover. If the cover is cut, it should be fixed at every corner. Material: Steel, hot-dip galvanized.				
Mesh tray cover 60 HDG	20/60/2000	8 m	8428031050610	4542106
Mesh tray cover 100 HDG	20/100/2000	4 m	8428031050375	4542110
Mesh tray cover 150 HDG	20/150/2000	4 m	8428031050184	4542115
Mesh tray cover 200 HDG	20/200/2000	4 m	8428031050481	4542120
Mesh tray cover 300 HDG	20/300/2000	4 m	8428031050252	4542130
Mesh tray cover 400 HDG	20/400/2000	4 m	8428031050245	4542140
Mesh tray cover 500 HDG	20/500/2000	4 m	8428031050221	4542150
Mesh tray cover 600 HDG	20/600/2000	4 m	8428031050214	4542160

P12469




Cover fixing				
Cover fixing for mesh trays, for extra fixing of the cover if required (optional). Suitable for all sizes from 60 to 600 mm. Direct clip-in. Screw-less. Material: Spring steel, lamellar zinc.				
Mesh tray cover fixing LZ	18/15/32	50	8438031140662	4532800

Range

Hot-dip galvanized

Couplers

Type	Dimensions A/B/C (mm)		Qty per package	EAN code	Ref. No.
Fast coupler					
Fast coupler for the coupling of straight elements for 35 mm (2 pcs), 70 mm (2 pcs) and 105 mm (4 pcs) heights. Material: Spring steel, lamellar zinc.					
Fast coupler 70+105 LZ	10/30/86		30	8438031140785	4532200
Fast coupler 35 LZ	12/25/61		30	8438031143953	4532135
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 galvanized.					
Coupler HDG	27/23.5/27		50	8428031039066	4562110
Couplers without bolt					
Coupler without bolt for straight elements on both sides of the mesh tray and as central coupler when required. Also used to form accessories from straight elements. Material: Steel, hot-dip galvanized.					
Coupler, upper HDG	27/6/21		50	8428031159368	CSU4562105
Coupler, lower HDG	27/6/21		50	8428031159375	CSU4562108
Side-bolted coupler for the coupling of straight elements. 70+105 also suitable for 60x60 mm mesh tray. Including plate, nut and bolt. Material: Steel, hot-dip galvanized.					
Side coupler 35 HDG	32/-/80		25	8428031039080	4562200
Side coupler 70+105 HDG	46/-/80		25	8428031039097	4562205
Joint					
Extendable joint for coupling of straight elements with a distance between them of up to 300 mm. Each unit is supplied with two bolted couplers. Material: Steel, ZnAlMg.					
Extendable joint ZM	1/17/300		10	8428031160470	CSU4568150


Wall support

Horizontal brackets, hot-dip galvanized					
Horizontal bracket for wall-mounted horizontal installations. From 100 to 600 mm width. Mesh tray to be fixed to the bracket by bolted fixings (4562120). Material: Steel, hot-dip galvanized.					
Horizontal bracket 100 HDG	82/42/144		10	8428031038182	4552110
Horizontal bracket 150 HDG	82/42/194		10	8428031038199	4552115
Horizontal bracket 200 HDG	82/42/244		10	8428031038205	4552120
Horizontal bracket 300 HDG	82/42/344		10	8428031038212	4552130
Horizontal bracket 400 HDG	130/42/444		5	8428031038229	4552140
Horizontal bracket 500 HDG	130/42/544		5	8428031050146	4552150
Horizontal bracket 600 HDG	130/42/644		5	8428031038243	4552160
Vertically mounted brackets, hot-dip galvanized					
Bracket for vertical wall-mounted installations. Mesh tray to be fixed to bracket using bolted fixings (4562120). From 100 to 600 mm width. Material: Steel, hot-dip galvanized.					
Vertical/suspended/floor bracket 100 HDG	38/50/185		10	8428031038311	4552310
Vertical/suspended/floor bracket 150 HDG	38/50/235		10	8428031038328	4552315
Vertical/suspended/floor bracket 200 HDG	38/50/285		10	8428031038335	4552320
Vertical/suspended/floor bracket 300 HDG	38/50/385		10	8428031038342	4552330
Vertical/suspended/floor bracket 400 HDG	38/50/485		5	8428031050368	4552340
Vertical/suspended/floor bracket 500 HDG	38/50/585		5	8428031050351	4552350
Vertical/suspended/floor bracket 600 HDG	38/50/685		5	8428031038366	4552360

Range

Hot-dip galvanized

Wall support












Type	Dimensions A/B/C (mm)		Qty per package	EAN code	Ref. No.
Wall-mounted bracket for 60x60					
Clip-on bracket to be used as horizontal wall bracket for 60x60 mm mesh trays. Material: Steel, hot-dip galvanized.					
Support for box + Bracket HDG	20/72/92		10	8428031147662	CSU4572120
U-profiles					
U-profile. Fixed to the wall for wall-mounted installations. To be used with pendant brackets. Material: Steel, hot-dip galvanized.					
U-profile HDG	30/55/1000		4 m	8428031038373	4552420
Pendant brackets, hot-dip galvanized					
Pendant bracket from 100 to 600 mm 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 galvanized.					
Pendant bracket 100 HDG	87/50/160		10	8428031039899	4552910
Pendant bracket 150 HDG	87/50/210		10	8428031039905	4552915
Pendant bracket 200 HDG	87/50/260		10	8428031039912	4552920
Pendant bracket 300 HDG	94/50/360		10	8428031039929	4552930
Pendant bracket 400 HDG	100/50/460		4	8428031050276	4552940
Pendant bracket 500 HDG	110/50/560		4	8428031050290	4552950
Pendant bracket 600 HDG	110/50/660		4	8428031039943	4552960
Corner supports					
External and internal corner supports for 90° corners. Intended to be used together with horizontal brackets. Material: Steel, hot-dip galvanized.					
External corner support HDG	165/85/140		2	8428031159788	CSU4552095
Internal corner support HDG	165/30/150		2	8428031159771	CSU4552090

Ceiling support

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 4 for 400 mm widths and upwards, two brackets must be mounted together back-to-back using bolts (4722912). For the 2000 and 3000 mm widths, the threaded rods should be placed all along the brackets, with a maximum distance between them of 950 mm. Material: Steel, hot-dip galvanized.					
Fast-fix suspended bracket 150 HDG	20/40/250		6	8438031144448	4532510
Fast-fix suspended bracket 200 HDG	20/40/300		6	8438031144455	4532520
Fast-fix suspended bracket 300 HDG	20/40/400		6	8438031144462	4532530
Fast-fix suspended bracket 400 HDG	20/40/500		6	8438031144479	4532540
Fast-fix suspended bracket 500 HDG	20/40/600		6	8438031144486	4532550
Fast-fix suspended bracket 600 HDG	20/40/700		6	8438031144493	4532560
Fast-fix suspended bracket 1000 HDG	20/40/1000		2 m	8438031144509	4532570
Fast-fix suspended bracket 2000 HDG	20/40/2000		4 m	8438031144516	4532580
Fast-fix suspended bracket 3000 HDG	20/40/3000		6 m	8438031144523	4532590
Suspended brackets, hot-dip galvanized					
Suspension bracket for ceiling-suspended installations with threaded rods. From 100 to 600 mm width. Mesh tray fixed to the bracket by bolted fixings (4562120). Material: Steel, hot-dip galvanized.					
Vertical/suspended/floor bracket 100 HDG	38/50/185		10	8428031038311	4552310
Vertical/suspended/floor bracket 150 HDG	38/50/235		10	8428031038328	4552315
Vertical/suspended/floor bracket 200 HDG	38/50/285		10	8428031038335	4552320
Vertical/suspended/floor bracket 300 HDG	38/50/385		10	8428031038342	4552330
Vertical/suspended/floor bracket 400 HDG	38/50/485		5	8428031050368	4552340
Vertical/suspended/floor bracket 500 HDG	38/50/585		5	8428031050351	4552350
Vertical/suspended/floor bracket 600 HDG	38/50/685		5	8428031038366	4552360

Range



Hot-dip galvanized

Ceiling support					
Type	Dimensions A/B/C (mm)		Qty per package	EAN code	Ref. No.
Suspension supports					
Central suspension support for ceiling-suspended installations with threaded rods. Hole Ø 8.5 mm. Recommended for mesh trays up to 300 mm width. Not suitable for 60x60, 35x150 and 70x150 mm mesh trays. Material: Steel, hot-dip galvanized.					
 P112633	Central suspension support HDG	4/40/60	30	8428031038380	4552430
Fast-fix hanger					
Fast-fix hanger for 35 mm 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.					
 P112675	Fast-fix hanger 35 LZ	37/29/54	20	8438031141058	4532400
Side suspension brackets					
Clip-on bracket to be used for ceiling-suspended installations of 60, 70 and 105 mm high mesh trays with threaded rods. Material: Steel, hot-dip galvanized or stainless.					
 P112618	Support for box + bracket HDG	20/72/92	10	8428031147662	CSU4572120
 P112606	Support for box + bracket, double, SS	20/100/182	5	8428031065997	4575130
C-shape supports					
C-shape support for ceiling-suspended installation. To be used together with threaded rods. Material: Steel, hot-dip galvanized.					
 P112625	C-shape support HDG	70/39/36	10	8428031050337	4552440
L-shape supports					
L-shape support for suspended installations with threaded rods. Material: Steel, hot-dip galvanized.					
 P112624	L-shape support HDG	104/39/36	10	8428031050320	4552450
Threaded rods					
Threaded rod for ceiling-suspended installations, used with suspension support and brackets. Supplied with nuts and washers. Material: Stainless steel.					
 P112628	Threaded rod M8x0.5m SS	M8/500	10	8428031038908	4555470
	Threaded rod M8x1m SS	M8/1000	10	8428031038915	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 galvanized.					
 P112628	Swivel pendant support HDG	116/150/60	4	8428031050344	4552410
U-profiles					
U-profile. For ceiling-suspended installations with swivel support and pendant brackets. Material: Steel, hot-dip galvanized.					
 P112629	U-profile HDG	30/55/1000	4 m	8428031038373	4552420
Pendant brackets, hot-dip galvanized					
Pendant bracket from 100 to 600 mm 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 galvanized.					
 P112627	Pendant bracket 100 HDG	87/50/160	10	8428031039899	4552910
	Pendant bracket 150 HDG	87/50/210	10	8428031039905	4552915
	Pendant bracket 200 HDG	87/50/260	10	8428031039912	4552920
	Pendant bracket 300 HDG	94/50/360	10	8428031039929	4552930
	Pendant bracket 400 HDG	100/50/460	4	8428031050276	4552940
	Pendant bracket 500 HDG	110/50/560	4	8428031050290	4552950
	Pendant bracket 600 HDG	110/50/660	4	8428031039943	4552960







Range

Hot-dip galvanized

Floor support

Type	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
Insulating support				
Insulating support for floor installations. Suitable for all mesh trays except 60x60 mm. The mesh tray is fixed by clipping wires into the support. Maximum recommended span between supports: 1 m. Material: PA 6.6, colour black.				
 P112530	Insulating floor support	45/44.5/85	20	8428031066000 4571700
Floor-mounted brackets, hot-dip galvanized				
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 galvanized.				
 P112520	Vertical/suspended/floor bracket 100 HDG	38/50/185	10	8428031038311 4552310
	Vertical/suspended/floor bracket 150 HDG	38/50/235	10	8428031038328 4552315
	Vertical/suspended/floor bracket 200 HDG	38/50/285	10	8428031038335 4552320
	Vertical/suspended/floor bracket 300 HDG	38/50/385	10	8428031038342 4552330
	Vertical/suspended/floor bracket 400 HDG	38/50/485	5	8428031050368 4552340
	Vertical/suspended/floor bracket 500 HDG	38/50/585	5	8428031050351 4552350
	Vertical/suspended/floor bracket 600 HDG	38/50/685	5	8428031038366 4552360


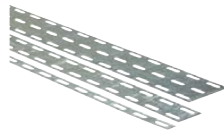



Fixing accessories

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.				
 P112556	Locking clip for flat bend LZ	6/18/21	50	8438031143977 4532900
Profile fast-fixings				
Fast-fixing intended to fix mesh trays to profiles 21x41 and 41x41. Specific design for 60x60 mm mesh tray. Direct clip-in. No tools required, screw-less. Suitable only for horizontal installations. Material: Spring steel, lamellar zinc.				
 P112472	Profile fast-fixing LZ	29/51/19	50	8438031141034 4532300
 P112471	Profile fast-fixing 6060 LZ	54/68/34	25	8438031140808 4532100
Fixings				
Fixing device for fixing of the mesh trays to brackets. Material: Steel, hot-dip galvanized.				
 P112533	Fixing HDG	23.5/23.5	50	8428031039073 4562120
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.				
 P112534	Bolt M6x12 SS	23.5/13.5	50	8428031082529 4725912
	Bolt M6x20 SS	23.5/13.5	50	8428031039516 4575110
	Bolt M6x12 LZ	15.5/13.5	50	8438031141249 4722912
	Bolt M6x20 LZ	23.5/13.5	50	8438031141256 4572110
 P112467	Pin-bolt M6x70 SS	M6/70	10	8428031110147 4575115







Range

Hot-dip galvanized

Fixing accessories

Type	Dimensions A/B/C (mm)		Qty per package	EAN code	Ref. No.
Perforated flat strip					
Perforated flat strip for reinforcement of the interior corner of a bend of a cut mesh tray. Cut to length depending on the mesh tray size and the angle of the bend. Suitable for mesh tray heights 35, 70 or 105 mm. Used in combination with bolted fixings (4562120). Material: Steel, hot-dip galvanized.					
 P128438	Flat strip joint 35 HDG	1/17/1000	10	8428031162870	CSU4562310
	Flat strip joint 70 HDG	1/45/1000	10	8428031162894	CSU4562320
	Flat strip joint 105 HDG	1/80/1000	10	8428031162917	CSU4562330
Cover fixing					
Cover fixing for mesh trays, for extra fixing of the cover if required (optional). Suitable for all sizes from 60 to 600 mm. Direct clip-in. Screw-less. Material: Spring steel, lamellar zinc.					
 P112669	Mesh tray cover fixing LZ	18/15/32	50	8438031140662	4532800
Supports for derivation box					
Clip-on bracket to be used for fixing of a derivation box in 60, 70 and 105 mm high mesh trays. Material: Steel, hot-dip galvanized ZnAlMg.					
 P112518	Support for box + bracket HDG	20/72/92	10	8428031147662	CSU4572120
 P112506	Clip on bracket double ZM	20/100/182	5	8428031160449	CSU4578130

Other accessories

Cable drop-out					
Cable drop-out to be directly clipped-in on all sizes of mesh tray except 60x60 mm. Fixed by folding a flap at the bottom with a screw-driver. Screw-less. Material: Steel, lamellar zinc.					
 P112466	Cable drop-out LZ	50/40/110	10	8438031141072	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 70 mm ² . Material: Brass, electrolytical nickel coating.					
 P112470	Earthing clamp EZ	85/107/24	10	8428031039400	4571310
End plugs					
End plug to be mounted on U-profiles. Intended to provide protection against personal injuries and make the ends of the profiles more conspicuous. Material: PP/TPE, orange.					
 P135766	End plug for one U-profile	20/40/60	20	3606480457579	CSU4551421
 P135767	End plug for two U-profiles mounted back-to-back	27/75/60	20	3606480457586	CSU4551422
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.					
 P112342	ID-label	30/100	25	8428031073558	4551485
Cutting tool					
Bolt cropper for cutting and forming of accessories from straight elements. Suitable for all sizes and finishes.					
 P112343	Bolt cropper	130/470	1	8428031043759	4580110

Range

Performa Zinc+

Mesh trays, Performa Zinc+™

P12E08



Type	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
Mesh trays				
Mesh cable tray, length 3 m. ID label with Wibe Group logo, part number, CE-mark and size attached to one side. . Material: Steel, ZnAl.				
Mesh tray 35x50 ZA	40/50/3000	24 m	3606480444890	CSU4518050
Mesh tray 35x100 ZA	40/100/3000	24 m	3606480444906	CSU4518110
Mesh tray 35x150 ZA	40/150/3000	12 m	3606480444913	CSU4518115
Mesh tray 35x200 ZA	40/200/3000	12 m	3606480444920	CSU4518120
Mesh tray 35x300 ZA	40/300/3000	12 m	3606480444937	CSU4518130
Mesh tray 60x60 ZA	65/60/3000	24 m	3606480444944	CSU4518206
Mesh tray 70x100 ZA	75/100/3000	12 m	3606480444951	CSU4518210
Mesh tray 70x150 ZA	75/150/3000	12 m	3606480444968	CSU4518215
Mesh tray 70x200 ZA 🧯	75/200/3000	6 m	3606480444975	CSU4518220
Mesh tray 70x300 ZA 🧯	75/300/3000	6 m	3606480444982	CSU4518230
Mesh tray 70x400 ZA 🧯	75/400/3000	6 m	3606480444999	CSU4518240
Mesh tray 70x500 ZA	75/500/3000	6 m	3606480445002	CSU4518250
Mesh tray 70x600 ZA	75/600/3000	6 m	3606480445019	CSU4518260
Mesh tray 105x200 ZA	110/200/3000	6 m	3606480445026	CSU4518320
Mesh tray 105x300 ZA	110/300/3000	6 m	3606480445033	CSU4518330
Mesh tray 105x400 ZA	110/400/3000	6 m	3606480445040	CSU4518340
Mesh tray 105x500 ZA	110/500/3000	6 m	3606480445057	CSU4518350
Mesh tray 105x600 ZA	110/600/3000	6 m	3606480445064	CSU4518360

Dividers

P12E35



Fast-fix dividers				
Fast-fix divider, length 3 m, 35, 70 and 105 mm 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, ZnAlMg.				
Fast fix divider 35 ZM	27/16/3000	24 m	8428031160999	CSU4578510
Fast fix divider 70 ZM	57/16/3000	24 m	8428031161002	CSU4578520
Fast fix divider 105 ZM	76/16/3000	24 m	8428031160982	CSU4578530

Covers

P12E51



Covers for mesh trays				
Mesh tray cover, length 2 m. To be fixed to the mesh tray by folding the pre-formed flaps on every corner. For extra fixing, 4 Cover fixing clips can be added in the middle of the cover. If the cover is cut, it should be fixed at every corner. Material: Steel, ZnAlMg.				
Mesh tray cover 60 ZM	20/60/2000	8 m	3606480445071	CSU4538106
Mesh tray cover 100 ZM	20/100/2000	4 m	3606480445088	CSU4538110
Mesh tray cover 150 ZM	20/150/2000	4 m	3606480445095	CSU4538115
Mesh tray cover 200 ZM	20/200/2000	4 m	3606480445101	CSU4538120
Mesh tray cover 300 ZM	20/300/2000	4 m	3606480445118	CSU4538130
Mesh tray cover 400 ZM	20/400/2000	4 m	3606480445125	CSU4538140
Mesh tray cover 500 ZM	20/500/2000	4 m	3606480445132	CSU4538150
Mesh tray cover 600 ZM	20/600/2000	4 m	3606480445149	CSU4538160

P12E69









Cover fixing				
Cover fixing for mesh trays, for extra fixing of the cover if required (optional). Suitable for all sizes from 60 to 600 mm. Direct clip-in. Screw-less. Material: Spring steel, lamellar zinc.				
Mesh tray cover fixing LZ	18/15/32	50	8438031140662	4532800




Range

Performa Zinc+

Couplers

Type	Dimensions A/B/C (mm)		Qty per package	EAN code	Ref. No.
Fast coupler					
Fast coupler for the coupling of straight elements for 35 mm (2 pcs), 70 mm (2 pcs) and 105 mm (4 pcs) heights. Material: Spring steel, lamellar zinc.					
 P112474	Fast coupler 70+105 LZ	10/30/86	30	3606480570940	CSU4538200
 P120434	Fast coupler 35 LZ	12/25/61	30	3606480570957	CSU4538135
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, ZnAlMg.					
 P112592	Coupler ZM	27/23.5/27	50	8428031160463	CSU4568110
Side couplers					
Side-bolted coupler for the coupling of straight elements. 70+105 also suitable for 60x60 mm mesh tray. Including plate, nut and bolt. Material: Steel, ZnAlMg.					
 P112593	Side coupler 35 ZM	32/—/80	25	8428031160937	CSU4568200
	Side coupler 70+105 ZM	46/—/80	25	8428031160944	CSU4568205
Joints					
Extendable joint for coupling of straight elements with a distance between them of up to 300 mm. Each unit is supplied with two bolted couplers. Material: Steel, ZnAlMg.					
 P112541	Extendable joint ZM	1/17/300	10	8428031160470	CSU4568150







Wall support

Fast-fix horizontal brackets					
Fast-fix bracket for wall-mounted horizontal installations. From 100 to 300 mm 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, ZnAlMg.					
 P112514	Fast-fix horizontal bracket 100 ZM	82/42/144	10	8428031160487	CSU4558110
	Fast-fix horizontal bracket 150 ZM	82/42/194	10	8428031160494	CSU4558111
	Fast-fix horizontal bracket 200 ZM	82/42/244	10	8428031160500	CSU4558112
	Fast-fix horizontal bracket 300 ZM	82/42/344	10	8428031160517	CSU4558113
Horizontal brackets					
Horizontal bracket for wall-mounted horizontal installations. From 100 to 300 mm width. Mesh tray to be fixed to the bracket by bolted fixings (CSU4568120). Material: Steel, ZnAlMg.					
 P112515	Horizontal bracket 100 ZM	82/42/144	10	8428031160784	CSU4548110
	Horizontal bracket 150 ZM	82/42/194	10	8428031160791	CSU4548115
	Horizontal bracket 200 ZM	82/42/244	10	8428031160807	CSU4548120
	Horizontal bracket 300 ZM	82/42/344	10	8428031160814	CSU4548130
Horizontal brackets Ω					
Horizontal bracket Omega for wall-mounted installations. From 100 to 300 mm width. Mesh tray fixed to the bracket by bolted fixings (CSU4568120). Supplied with strut. Material: Steel, ZnAlMg.					
 P112516	Horizontal bracket Ω 100 ZM	131/50/150	10	8428031160821	CSU4558310
	Horizontal bracket Ω 150 ZM	131/50/200	10	8428031160838	CSU4558315
	Horizontal bracket Ω 200 ZM	131/50/250	10	8428031160845	CSU4558320
	Horizontal bracket Ω 300 ZM	131/50/350	10	8428031160852	CSU4558330

Range

Performa Zinc+

Wall support

Type	Dimensions A/B/C (mm)		Qty per package	EAN code	Ref. No.
Wall-mounted bracket for 60x60					
Clip-on bracket to be used as horizontal wall bracket for 60x60 mm mesh trays. Material: Steel, ZnAlMg.					
 <small>P112519</small>	Clip on bracket ZM	20/72/92	10	8428031160456	CSU4578120
Adjustable bracket sets					
Adjustable bracket set for wall-mounted installations. From 100 to 600 mm 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 (CSU4568120). Material: Steel, ZnAlMg.					
 <small>P112519</small>	Adjustable bracket set 100 ZM	140/55/162	2	8428031160340	CSU4558510
	Adjustable bracket set 150 ZM	140/55/212	2	8428031160357	CSU4558515
	Adjustable bracket set 200 ZM	140/55/262	2	8428031160364	CSU4558520
	Adjustable bracket set 300 ZM	140/55/362	2	8428031160371	CSU4558530
	Adjustable bracket set 400 ZM	140/55/462	2	8428031160685	CSU4558540
	Adjustable bracket set 500 ZM	140/55/562	2	8428031160388	CSU4558550
	Adjustable bracket set 600 ZM	140/55/662	2	8428031160395	CSU4558560
U-profile					
U-profile. Fixed to the wall for wall-mounted installations. To be used with pendant brackets. Material: Steel, ZnAlMg.					
 <small>P112529</small>	U-profile ZM	30/55/1000	4 m	8428031161019	CSU4548420
Pendant brackets					
Pendant bracket from 100 to 600 mm width. To be used in combination with U-profile (CSU4548420) 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 (CSU4568120). Material: Steel, ZnAlMg.					
 <small>P112527</small>	Pendant bracket 100 ZM	87/50/160	10	8428031160869	CSU4548910
	Pendant bracket 150 ZM	87/50/210	10	8428031160876	CSU4548915
	Pendant bracket 200 ZM	87/50/260	10	8428031160883	CSU4548920
	Pendant bracket 300 ZM	94/50/360	10	8428031160890	CSU4548930
	Pendant bracket 400 ZM	100/50/460	4	8428031160906	CSU4548940
	Pendant bracket 500 ZM	110/50/560	4	8428031160913	CSU4548950
	Pendant bracket 600 ZM	110/50/660	4	8428031160920	CSU4548960
OEM bracket					
Support to be used direct on the mesh trays fixed in the bottom of the models 35x100/150/200/300 and 70x100/150. It can also be fixed to the side of the models 70x100/150. Material: Steel, ZnAlMg.					
 <small>P140163</small>	OEM bracket ZM	65/20/60	10	3606480454349	CSU4572725


Range

Performa Zinc+

Ceiling support

P112486



Type	Dimensions A/B/C (mm)	 Qty per package	EAN code	Ref. No.
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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 4 for 400 mm widths and upwards, two brackets must be mounted together back-to-back using bolts (4722912). For the 2000 and 3000 mm widths, the threaded rods should be placed all along the brackets, with a maximum distance between them of 950 mm.
Material: Steel, ZnAlMg.

Fast-fix suspended bracket 150 ZM	20/40/250	6	8428031160562	CSU4538510
Fast-fix suspended bracket 200 ZM	20/40/300	6	8428031160579	CSU4538520
Fast-fix suspended bracket 300 ZM	20/40/400	6	8428031160593	CSU4538530
Fast-fix suspended bracket 400 ZM	20/40/500	6	8428031160616	CSU4538540
Fast-fix suspended bracket 500 ZM	20/40/600	6	8428031160623	CSU4538550
Fast-fix suspended bracket 600 ZM	20/40/700	6	8428031160630	CSU4538560
Fast-fix suspended bracket 1000 ZM	20/40/1000	2 m	8428031160555	CSU4538570
Fast-fix suspended bracket 2000 ZM	20/40/2000	4 m	8428031160586	CSU4538580
Fast-fix suspended bracket 3000 ZM	20/40/3000	6 m	8428031160609	CSU4538590

Ceiling brackets Ω

Ceiling bracket Omega for direct fixing to the ceiling. From 100 to 300 mm width. Mesh tray fixed to the bracket by bolted fixings (CSU4568120). Supplied with strut.
Material: Steel, ZnAlMg.

Ceiling bracket Ω 100 ZM	196/50/153	4	8428031160401	CSU4558410
Ceiling bracket Ω 150 ZM	196/50/204	4	8428031160418	CSU4558415
Ceiling bracket Ω 200 ZM	196/50/252	4	8428031160425	CSU4558420
Ceiling bracket Ω 300 ZM	196/50/357	4	8428031160432	CSU4558430

Pendant brackets

Pendant bracket from 100 to 600 mm width. To be used in combination with U-profile (CSU4548420) 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 (CSU4568120).
Material: Steel, ZnAlMg.

Pendant bracket 100 ZM	87/50/160	10	8428031160869	CSU4548910
Pendant bracket 150 ZM	87/50/210	10	8428031160876	CSU4548915
Pendant bracket 200 ZM	87/50/260	10	8428031160883	CSU4548920
Pendant bracket 300 ZM	94/50/360	10	8428031160890	CSU4548930
Pendant bracket 400 ZM	100/50/460	4	8428031160906	CSU4548940
Pendant bracket 500 ZM	110/50/560	4	8428031160913	CSU4548950
Pendant bracket 600 ZM	110/50/660	4	8428031160920	CSU4548960

Heavy-duty suspended brackets

Bracket for ceiling-suspended installations with threaded rods. From 200 to 600 mm width. Mesh tray fixed to the bracket by bolted fixings (CSU4568120).
Material: Steel, ZnAlMg.

Heavy-duty susp. bracket 200 ZM	60/41.7/267.5	4	8428031160654	CSU4558620
Heavy-duty susp. bracket 300 ZM	60/41.7/347.5	4	8428031160661	CSU4558630
Heavy-duty susp. bracket 400 ZM	60/41.7/467.5	4	8428031160678	CSU4558640
Heavy-duty susp. bracket 500 ZM	60/41.7/547.5	4	8428031160692	CSU4558650
Heavy-duty susp. bracket 600 ZM	60/41.7/667.5	4	8428031160708	CSU4558660

Suspension supports

Central suspension support for ceiling-suspended installations with threaded rods. Hole Ø 8.5 mm. Recommended for mesh trays up to 300 mm width. Not suitable for 60x60, 35x150 and 70x150 mm mesh trays.
Material: Steel, ZnAlMg.

Central suspension support ZM	40/4/60	30	8428031160951	CSU4548430
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Fast-fix hanger

Fast-fix hanger for 35 mm 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	8438031141058	4532400
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P112521



P112527



P112522



P112523



P112575



Range

Performa Zinc+

Ceiling support

Type	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
Side suspension brackets				
Clip-on bracket to be used for ceiling-suspended installations of 60, 70 and 105 mm high mesh trays with threaded rods. Material: Steel, ZnAlMg.				
Clip on bracket ZM	20/72/92	10	8428031160456	CSU4578120
Clip on bracket double ZM	20/100/182	5	8428031160449	CSU4578130
Threaded rods				
Threaded rod for ceiling-suspended installations, used with suspension support and brackets. Supplied with nuts and washers. Material: Stainless steel.				
Threaded rod M8x0.5m SS	M8/500	10	8428031038908	4555470
Threaded rod M8x1m SS	M8/1000	10	8428031038915	4555480
Swivel pendant support				
Swivel pendant support for ceiling-suspended installations in combination with U-profile (CSU4548420) and pendant bracket. Requires four bolts (4572110) for fixing of the U-profile. Material: Steel, ZnAlMg.				
Swivel pendant support ZM	116/150/60	4	8428031160968	CSU4548410
U-profile				
U-profile. For ceiling-suspended installations in combination with swivel pendant support (CSU4548410) and pendant brackets. Material: Steel, ZnAlMg.				
U-profile ZM	30/55/1000	4 m	8428031161019	CSU4548420

P112506



P112506



P112526



P112528



P112529



Floor support

Insulating support				
Insulating support for floor installations. Suitable for all mesh trays except 60x60 mm. The mesh tray is fixed by clipping wires into the support. Maximum recommended span between supports: 1 m. Material: PA 6.6, colour black.				
Insulating floor support	45/44.5/85	20	8428031066000	4571700

P112530



Fixing accessories

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	8438031143977	4532900
Profile fast-fixings				
Fast-fixing intended to fix mesh trays to profiles 21x41 and 41x41. Specific design for 60x60 mm 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	8438031141034	4532300
Profile fast-fixing 6060 LZ	54/68/34	25	8438031140808	4532100
Fixings				
Fixing device for fixing of the mesh trays to brackets. Material: Steel, ZnAlMg.				
Fixing ZM	23.5/23.5	50	8428031160647	CSU4568120
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, lamellar zinc.				
Bolt M6x12 LZ	15.5/13.5	50	8438031141249	4722912
Bolt M6x20 LZ	23.5/13.5	50	8438031141256	4572100

P112556



P112472



P112471



P112533







O112534










Range

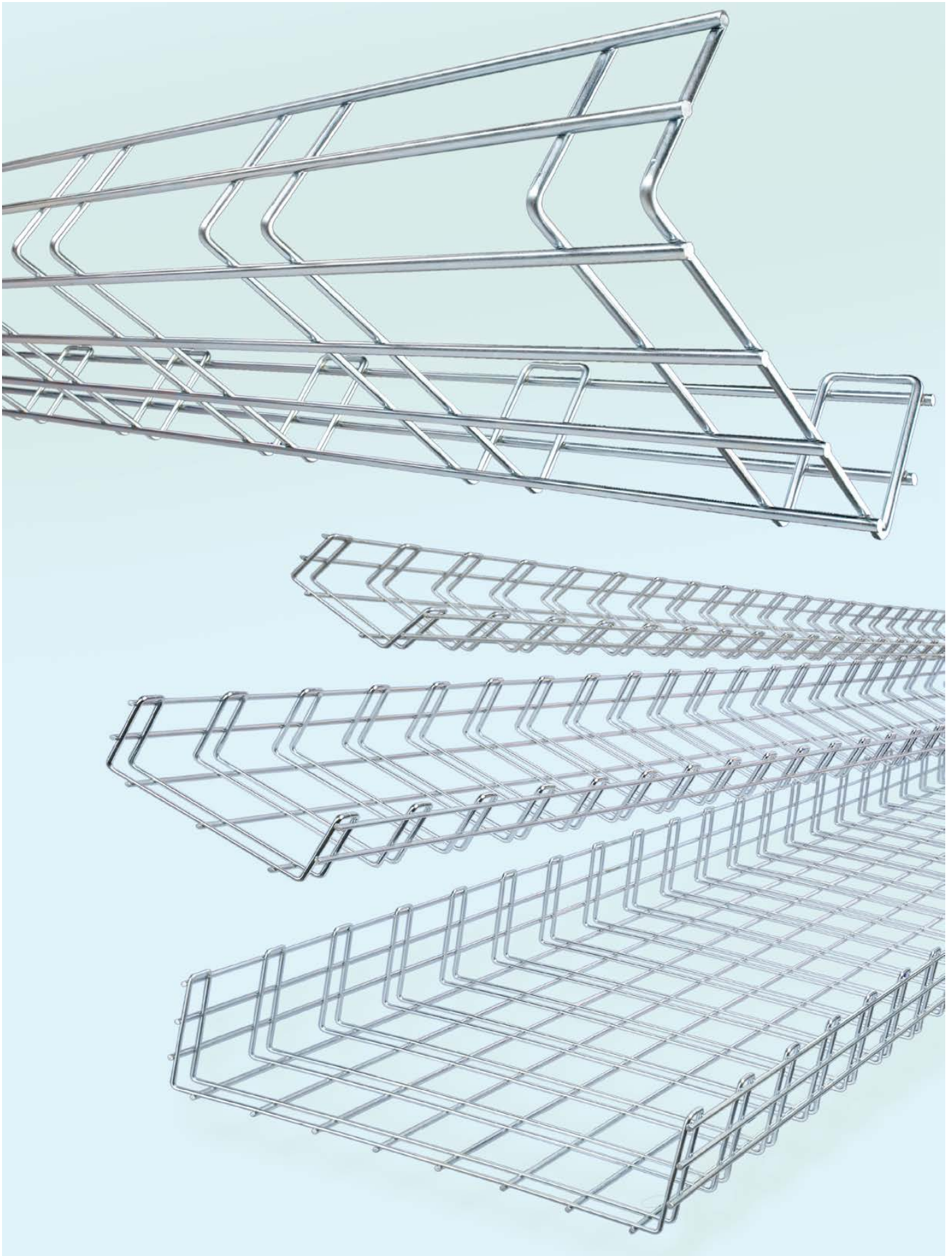
Performa Zinc+

Fixing accessories

Type	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
Bolts				
Pin-bolt for fast-fixing of pendant bracket to U-profile and of U-profile to swivel support. Material: Stainless steel.				
 P12467	M6/70	10	8428031110147	4575115
Cover fixing				
Cover fixing for mesh trays, for extra fixing of the cover if required (optional). Suitable for all sizes from 60 to 600 mm. Direct clip-in. Screw-less. Material: Spring steel, lamellar zinc.				
 P12468	18/15/32	50	8438031140662	4532800
Supports for derivation box				
Clip-on bracket to be used for fixing of a derivation box in 60, 70 and 105 mm high mesh trays. Material: Steel, ZnAlMg.				
 P12508	20/72/92	10	8428031160456	CSU4578120
 P12506	20/100/182	5	8428031160449	CSU4578130

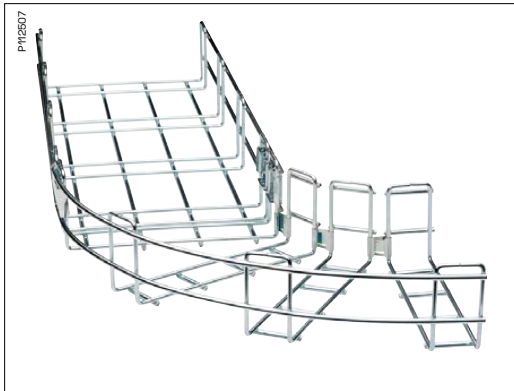
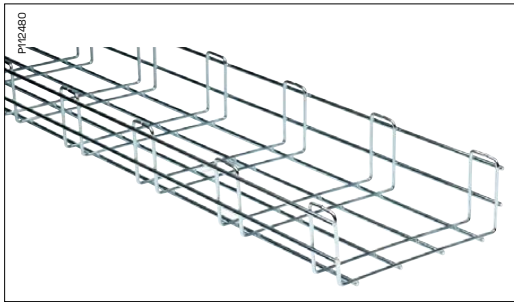
Other accessories

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 105 mm high trays. Material: Steel, ZnAlMg.				
 P12540	85/146	10	8428031160975	CSU4578315
Cable drop-out				
Cable drop-out to be directly clipped-in on all sizes of mesh tray except 60x60 mm. Fixed by folding a flap at the bottom with a screw-driver. Screw-less. Material: Steel, lamellar zinc.				
 P12466	50/40/110	10	8438031141072	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 70 mm ² . Material: Brass, electrolytical nickel coating.				
 P12470	85/107/24	10	8428031039400	4571310
End plugs				
End plug to be mounted on U-profiles. Intended to provide protection against personal injuries and make the ends of the profiles more conspicuous. Material: PP/TPE, orange.				
 P135756	20/40/60	20	3606480457579	CSU4551421
 P135757	27/75/60	20	3606480457586	CSU4551422
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.				
 P12542	30/100	25	8428031073558	4551485
Cutting tool				
Bolt cropper for cutting and forming of accessories from straight elements. Suitable for all sizes and finishes.				
 P12543	130/470	1	8428031043759	4580110

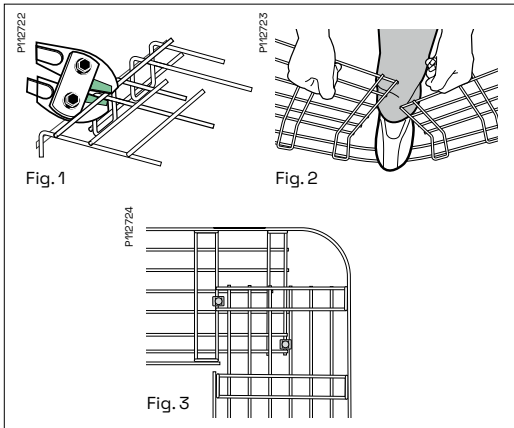


Technical description

Design and dimensions



Forming of accessories

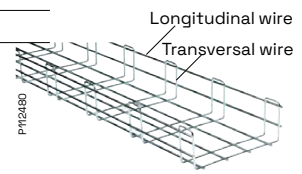


Technical and material data

Steel wire	Specification:	C4D: EN 16120-2 C7D: EN 16120-2 AISI 304 (Stainless steel): EN 10088-3
	Density:	7.85 kg/m ³
Surface treatment	Surface	• Electro-zinc (>8 µm): ISO 2081
	treatment	• Performa Zinc+™ (>15 µm ZnAl): E10244/2 • Hot-dip galvanised (>70 µm): EN ISO 1461 • Electro-polished (Stainless steel)
Steel sheet	Specification:	Dx51D+Z275 MA-C EN 10346 Dx51D+ZM175 MA-C EN 10346
	Density:	7.85 kg/m ³
Surface treatment	Surface	• Electro-zinc (>8 µm): EN 12329-1
	treatment	• Performa Zinc+™ (>14 µm ZnAlMg): EN10346 • Hot-dip galvanised (>70 µm): EN ISO 1461
Resistance to impact		IK-10 (EN 50102)
Temperature range		From -40°C to +120°C
Fire resistance:		E90 classified (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		
35x50	3000	3.9
35x100	3000	3.9
35x150	3000	3.9
35x200	3000	3.9
35x300	3000	4.4
60x60	3000	3.9
70x100	3000	3.9
70x150	3000	3.9
70x200	3000	3.9
70x300(*)	3000	4.9
70x400(*)	3000	4.9
70x500(*)	3000	4.9
70x600(*)	3000	4.9
105x200(*)	3000	4.9
105x300(*)	3000	4.9
105x400(*)	3000	4.9
105x500(*)	3000	4.9
105x600(*)	3000	4.9



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

Cable capacity*

Mesh tray size	Height mm	Width mm	Cross section mm ²
35x50	35	50	1 238
35x100	35	100	2 688
35x150	35	150	4 288
35x200	35	200	5 888
35x300	35	300	9 088
60x60	60	60	2 666
70x100	70	100	5 268
70x150	70	150	9 112
70x200	70	200	12 328
70x300	70	300	19 028
70x400	70	400	25 728
70x500	70	500	32 428
70x600	70	600	39 128
105x200	105	200	18 768
105x300	105	300	28 968
105x400	105	400	39 168
105x500	105	500	49 368
105x600	105	600	59 568

* 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 Wibe Group.

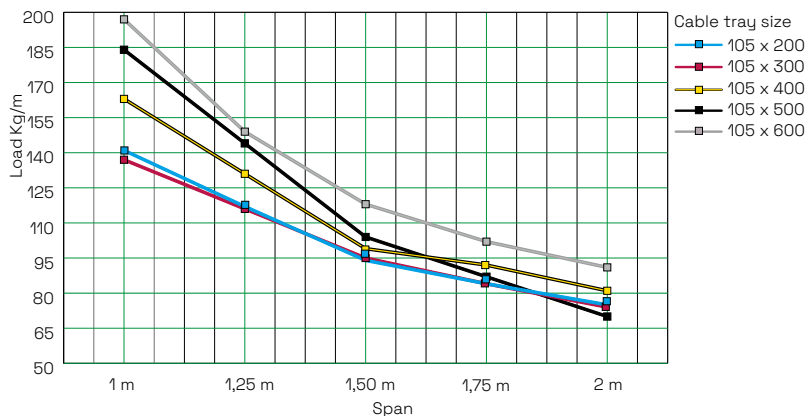
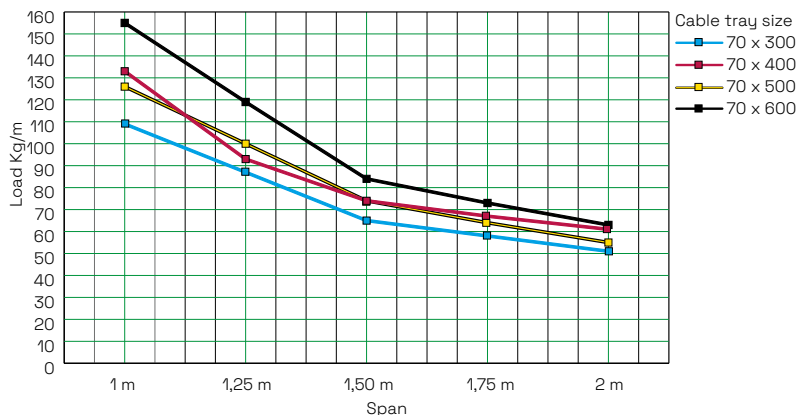
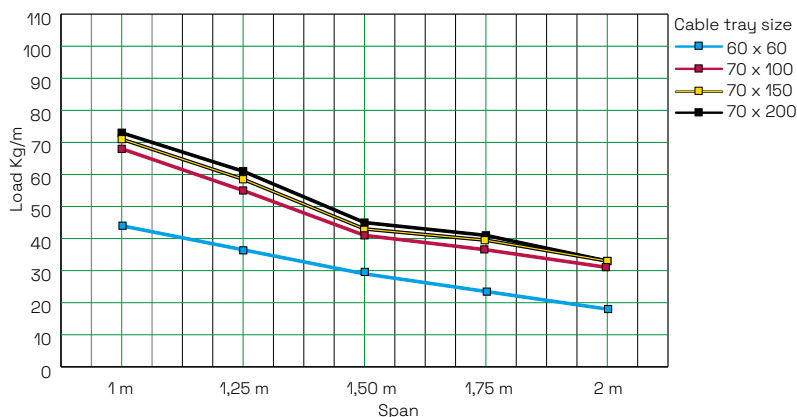
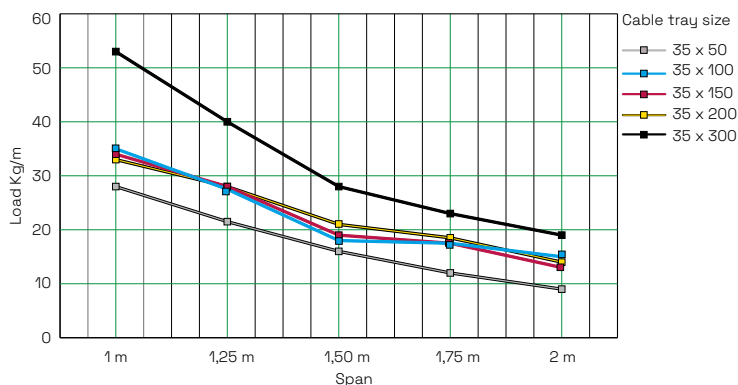
Technical description

Safe working-load

Safe working-load

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

- 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"
- 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 $\leq 1\%$ of the span between brackets
 - the transversal deflection is $\leq 5\%$ of the width of the mesh tray



Technical description





Admissible working-load on brackets

Admissible working-load on brackets





The admissible working-load is calculated according to the standard IEC 61537. See diagrams below.


- The load is uniformly distributed along the bracket
- The safety working-load value is given when the deflection is $\leq 5\%$ 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		45xx111	306
	45xx120	273		45xx112	273
	45xx130	214		45xx113	214
	45xx140	191		45xx114	191
	45xx150	178		45xx115	178
	45xx160	154		45xx116	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 susp. bracket 	45xx620	505
	45xx315	52		45xx630	481
	45xx320	59		45xx640	515
	45xx330	62		45xx650	442
	45xx340	56		45xx660	460
	45xx350	42			
	45xx360	35			
Ceiling 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
				45xx960	

	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⁾

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

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

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

Technical description

Resistance to traction – Recommended couplers and fixings

Resistance to traction

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

Recommended couplers


Mesh tray size	Options for side-coupling (the quantity equals the sum of both sides)			Couplers used as central couplers
	Side couplers	Couplers	Fast couplers	
35x50				Not required
35x100				Not required
35x150	2	2	2	1
35x200				1
35x300				2
60x60	2	2	2	Not required
70x100				Not required
70x150	2	2	2	1
70x200				1
70x300				2
70x400	2	4	2	2
70x500				3
70x600				3
105x200				1
105x300				2
105x400	2	4	4	2
105x500				3
105x600				3

Recommended fixings for brackets

Width of mesh tray mm	No. of fixings for all kinds of brackets	
50	Not required	
60	1	<p>Profile fast-fixings, fixings</p>
100	1	
150	2	
200	2	
300	3	
400	4	
500	4	
600	4	

Technical description

E-90 fire test



Allgemeines bauaufsichtliches Prüfzeugnis

Prüfzeugnis Nummer: P-3537/421/09-MPA BS


Gegenstand: Kabelanlage mit integriertem Funktionserhalt der Funktionserhaltsklasse „E30“ bzw. „E90“ nach DIN 4102-12: 1998-11

Antragsteller: SCHNEIDER ELECTRIC VALENCIA Avda. de los Trabajadores, 30 46108 Valencia (España)

Ausstellungsdatum: 05. Oktober 2009

Geltungsdauer bis: 05. Oktober 2014

Aufgrund dieses allgemeinen bauaufsichtlichen Prüfzeugnisses ist der obengenannte Gegenstand im Sinne der Landesbauordnung des jeweiligen Bundeslandes anwendbar.
Dieses allgemeine bauaufsichtliche Prüfzeugnis umfasst 14 Seiten und 19 Anlagen.



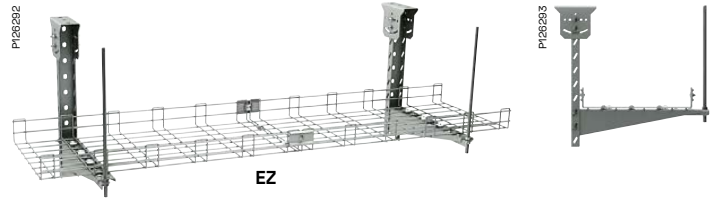
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Fire-test installation - Ceiling

E30 and E90 according to DIN 4102-12

Swivel pendants, U-profiles, pendant brackets, 100-400 mm

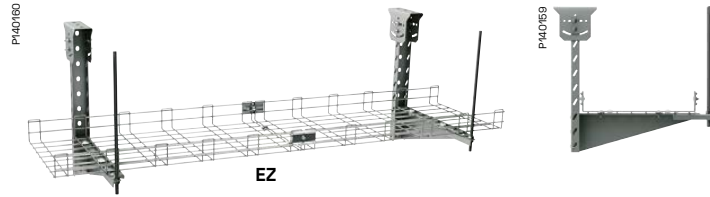


Mesh tray 70x200	4511220
Mesh tray 70x300	4511230
Mesh tray 70x400	4511240
Coupler	4561110
Side coupler 70+105	4561205
Swivel pendant support	4551410
U-profile	4551420
Pendant bracket 100	4551910
Pendant bracket 150	4551915
Pendant bracket 200	4551920
Pendant bracket 300	4551930
Pendant bracket 400	4551940
Threaded rod M10x1 m	CSU08050000
Support extension M10	4551992
Fixing	4561120
Bolt M6x20	4571110

Test conditions

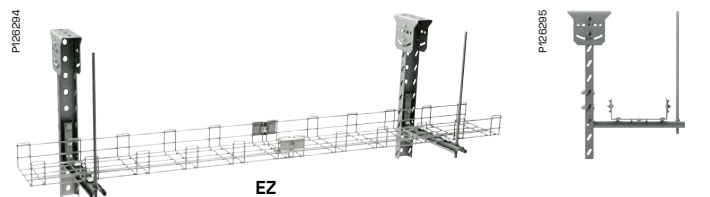
- E30 and E90 according to DIN 4102-12
- IBMB test institute
- Dätwyler Pyrofil KERAM cables
- Load 10 kg/m
- Support distance 1.2 m

Swivel pendants, U-profiles, horizontal brackets, 100-400 mm



Mesh tray 70x200	4511220
Mesh tray 70x300	4511230
Mesh tray 70x400	4511240
Coupler	4561110
Side coupler 70+105	4561205
Swivel pendant support	4551410
U-profile	4551420
Horizontal bracket 100	4551110
Horizontal bracket 150	4551115
Horizontal bracket 200	4551120
Horizontal bracket 300	4551130
Horizontal bracket 400	4551140
Threaded rod M10x1 m	CSU08050000
Support extension M10	4551992
Fixing	4561120
Bolt M6x20	4571110

Swivel pendants, U-profiles, horizontal brackets Ω, 100-200 mm



Coupler	4561110
Side coupler 70+105	4561205
Swivel pendant support	4551410
U-profile	4551420
Horizontal bracket Ω 200	4550320
Horizontal bracket Ω 300	4550330
Threaded rod M8x0.5 m	4551470
Fixing	4561120
Bolt M6x20	4571110

Technical description

E-90 fire test

IBMB MPA
Institut für Bautechnik
Münster und Braunschweig

Allgemeines bauaufsichtliches Prüfzeugnis

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Antragsteller: SCHNEIDER ELECTRIC VALENCIA
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Test conditions

- E30 and E90 according to DIN 4102-12
- IBMB test institute
- Dätwyler Pyrofil KERAM cables
- Load 10 kg/m
- Support distance 1.2 m

Fire-test installation - Wall

E30 and E90 according to DIN 4102-12

Horizontal bracket sets, 100-400 mm

EZ

Mesh tray 70x200	4511220
Mesh tray 70x300	4511230
Mesh tray 70x400	4511240
Coupler	4561110
Side coupler 70+105	4561205
Horizontal bracket set 100	4551210
Horizontal bracket set 150	4551215
Horizontal bracket set 200	4551220
Horizontal bracket set 300	4551230
Horizontal bracket set 400	4551240
Threaded rod M10x1m	CSU08050000
Support extension M10	4551992
Fixing	4561120
Bolt M6x20	4571110

Horizontal brackets, 100-400 mm

EZ

Mesh tray 70x200	4511220
Mesh tray 70x300	4511230
Mesh tray 70x400	4511240
Coupler	4561110
Side coupler 70+105	4561205
Horizontal bracket 100	4551110
Horizontal bracket 150	4551115
Horizontal bracket 200	4551120
Horizontal bracket 300	4551130
Horizontal bracket 400	4551140
Threaded rod M10x1 m	CSU08050000
Support extension M10	4551992
Fixing	4561120
Bolt M6x20	4571110

Horizontal brackets Ω , 100-200 mm

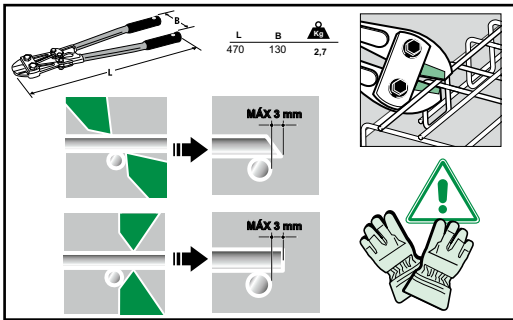
EZ

Coupler	4561110
Side coupler 70+105	4561205
Horizontal bracket Ω 200	4550320
Horizontal bracket Ω 300	4550330
Threaded rod M8x0,5 m	4551470
Fixing	4561120
Bolt M6x20	4571110

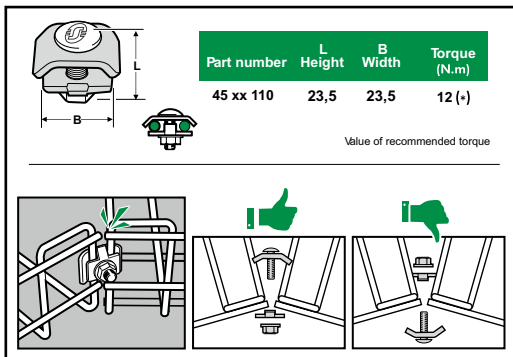
Technical description

Instructions for making accessories

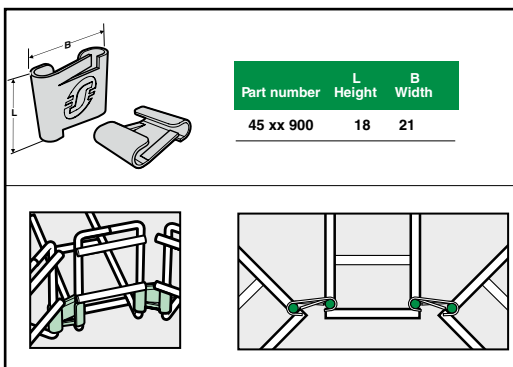
How to cut the mesh trays



Coupling of all elements



Fast-fixing of large radius flat bends



Technical description

Instructions for making accessories

How to cut to obtain different kind of angles

C₁

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

Approximate angles

C₂

W	60	100	150	200	300	400	500	600
α	90°	64°	45°	30°	20°	15°	12,5°	10°

Approximate angles

C₃

W	60	100	150	200	300	400	500	600
α	125°	85°	55°	37°	25°	19°	15,5°	12°

Approximate angles

C₄

W	60	100	150	200	300	400	500	600
α	145°	100°	65°	44°	30°	23°	18,5°	14°

Approximate angles

C₅

W	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 $W = 300$, I wish to realize an angle of 60°

OPTION 1: 3 cuts ($20^\circ + 20^\circ + 20^\circ$)

OPTION 2: 2 cuts ($30^\circ + 30^\circ$)

These examples can apply for any width of mesh trays

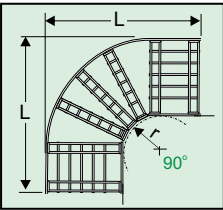


	W								
corte	60	100	150	200	300	400	500	600	
C ₁	20°	13°	10°	7°	5°	4°	3°	2°	
C ₂	90°	64°	45°	30°	20°	15°	12,5°	10°	
C ₃	125°	85°	55°	37°	25°	19°	15,5°	12°	
C ₄	145°	100°	65°	44°	30°	23°	18,5°	14°	
C ₅	180°	135°	90°	67°	45°	34°	27°	22°	

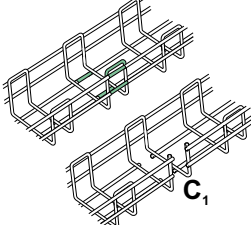
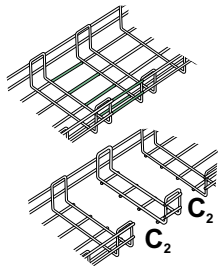
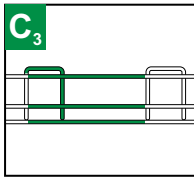
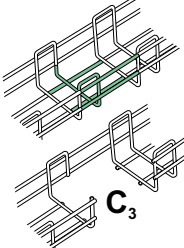
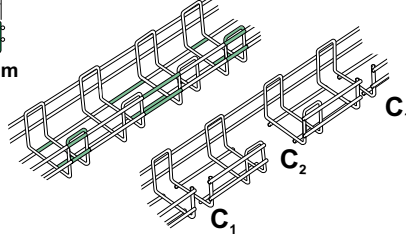
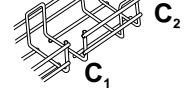
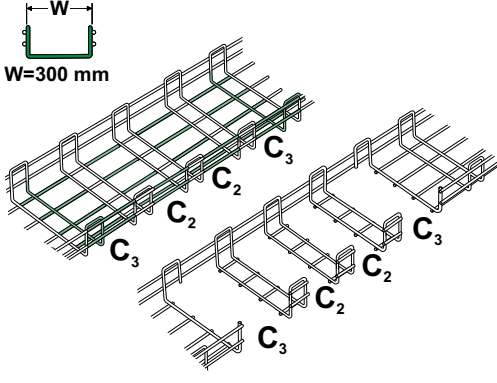
Technical description

Instructions for making accessories

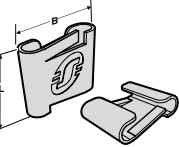
Large Radius flat bends



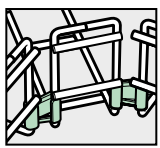
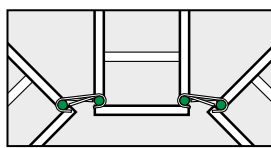
	60	100	150	200	300	400	500	600
C ₁	x4	x2						
C ₂		x1	x2	x3	x2	x6	x8	x9
C ₃					x2			
r	255	200	50	75	110	175	225	260
L	450	450	210	310	550	600	760	900
Necessary length	780	780	335	480	930	930	1225	1370

Coupling of large radius bends



Part number	L Height	B Width
45 xx 900	18	21

Technical description

Instructions for making accessories

Right angle flat bends

Allow mounting lids

W
60 100 150 200 300 400 500 600

L = W x 2 (approx)

Allow mounting lids

W
60 100 150 200 300 400 500 600

L = W (approx)

- 1
- 2
- 3

Coupling of right angle flat bends

Part number	L Height	B Width	Torque (N.m)
45 xx 110	23,5	23,5	12 (+)

Value of recommended torque

Technical description

Instructions for making accessories

T junction (90° radius)

W

W

60 100 150 200 300 400 500 600

Allow mounting lids

$L = W$ (approx)

Cut matches with transversal mesh

1

2

L

W

W

$L = W$

1

2

3

4

5

L

W

Coupling of T junction (90° radius)

Part number	Height	Width	Torque (N.m)
45 xx 110	23,5	23,5	12 (+)

Value of recommended torque

1

2

3

Technical description

Instructions for making accessories

Reducer

Allow mounting lids

$L = W - W_1$ (approx)

- 1
- 2
- 3

Allow mounting lids

- 1
- 2

Coupling of reducers

Part number	L Height	B Width	Torque (N.m)
45 xx 110	23,5	23,5	12 (+)

Value of recommended torque

Technical description

Instructions for making accessories

Raisers

C_{n1}

C_{n2}

C_{n3}

CONCAVE

CONVEX

Radius according to flat

convex

90°

concave

90°

h	convex				concave				
	r	r	r	r	r	r	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 180° From 0 to 180°	de 0 a 155° From 0 to 155°	45° 45°	45° 45°
60/70	de 0 a 180° From 0 to 180°	de 0 a 90° From 0 to 90°	25° 25°	25° 25°
105	de 0 a 180° From 0 to 180°	de 0 a 60° From 0 to 60°	15° 15°	15° 15°

Coupling of raisers

Part number	L Height	B Width	Torque (N.m)
45 xx 110	23,5	23,5	12 (+)

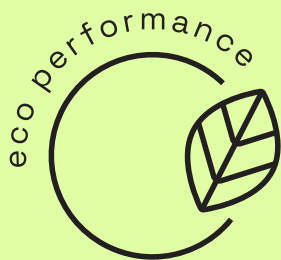
Value of recommended torque

Reference number overview

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Wibe Group & sustainability



CO₂ and P&L impact through... Resource Performance

Eco Performance brings improved resource efficiency throughout an asset's lifecycle. This includes efficient use of energy and natural resources, along with the minimization of CO₂ emissions.

Cost of ownership optimization through... Circular Performance

We're helping our customers optimize the total cost of ownership of their assets. To do this, we provide IoT-enabled solutions, as well as upgrade, repair, retrofit, and remanufacture services.

Peace of mind through... Well-being Performance

Eco Performance products are RoHS and REACH compliant. We're going beyond regulatory compliance with step-by-step substitution of certain materials and substances from our products.

Improved sales through... Differentiation

Eco Performance delivers strong value propositions through third-party labels and services. By collaborating with third-party organizations we can support our customers in meeting their sustainability goals such as green building certifications.

