

Performa Zinc+

Your best friend in corrosive environments

High-performance mesh trays



Schneider
Electric™



A new and friendly solution for demanding installations

Mesh trays are flexible, lightweight, yet sturdy. If you want a precise and compact installation, Performa mesh trays are the best choice for the routing of power, data and control cables, in light and medium duty applications.

Mounted on the floor, the ceiling or the wall, a mesh tray is the optimal solution and Performa Zinc+ is the optimal version – a durable mesh tray with a complete range of accessories – all with a smart, new, innovative coating which makes this range optimal in harsh environments. Performa Zinc+ is a class 8 range according to IEC 61537, which means it has the highest

corrosion resistance, exceeding even hot-dip galvanised steel. The coating also makes the surface smooth, without any flakes and sharp edges. Apart from preventing cables from being damaged, this means that you can handle Performa Zinc+ without hurting your hands. You can't choose a better companion in corrosive environments.



The benefits of Performa Zinc+

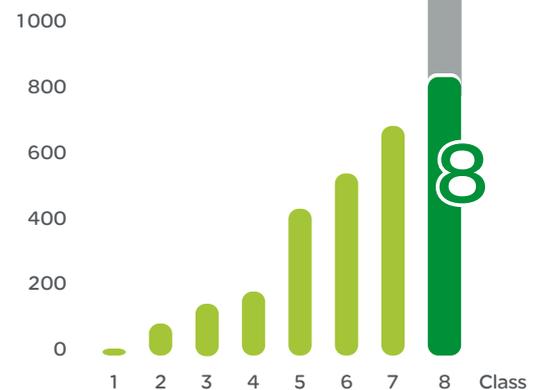


Performa Zinc+ is the innovative surface coating, eliminating the disadvantages of hot-dip galvanising.



Performa Zinc+ is a class 8 range according to IEC 61537. A perfect choice in farms, greenhouses and chemical industries.

Duration (h) in salt spray test



The best way to support cables in road tunnels: Performa Zinc+ mesh trays.

P127347

In tough places you need a persistent friend

Environments such as chemical industries, farms, greenhouses or road tunnels demand more of your cable support system when it comes to corrosion resistance. That's why stainless or hot-dip galvanised steel have been the given choices so far, even though they have some disadvantages. With Performa Zinc+ there is a new, innovative and friendly alternative. Its persistence and resistance to corrosion is verified in documented test results.



Tests show that the Zinc+ coating has superior corrosion resistance compared to hot-dip galvanising.



Class 8 corrosion resistance

The Performa Zinc+ system belongs to the highest level of corrosion resistance, class 8 according to IEC 61537 for the complete system. Salt-spray tests prove that Performa Zinc+ has a superior corrosion resistance.

HDG flat steel



Surface coating, post-galvanised (50 microns)

Performa Zinc+ flat steel



Surface coating, ZnAlMg (20 microns)

Result in salt-spray test after 2000 hours

After 2000 hours in a salt-spray test chamber, Performa Zinc+ is still intact. For HDG, the red-rust corrosion starts much earlier. The pictures show the samples in 3x magnification.



The international CB Scheme utilises CB Test Certificates to attest that the Schneider Electric Performa range successfully has passed the test conditions in compliance with IEC 61537.

Corrosion classes

Corrosion class	Environmental corrosion	Examples of environments and atmospheric-corrosivity categories stipulated by EN ISO 12944-2	
		Outdoor examples	Indoor examples
C1	Very low	-	Heated and clean atmospheres such as offices, schools, shops, hotels etc.
C2	Low	Atmospheres with low levels of pollution. Rural areas.	Unheated areas where condensation may occur, e.g sports halls, depots.
C3	Average	Urban and industrial atmospheres with moderate airborne pollution, or coastal areas with low salinity.	Production facilities with high humidity and some airborne pollution, i.e. food processing plants, laundries, breweries and dairies.
C4	High	Industrial or coastal areas with moderate salinity or discernible levels of airborne pollution.	High humidity and considerable airborne pollution in swimming pools, chemical plants, dockyards.
C5-I	Very high (industrial)	Industrial areas with high levels of humidity and aggressive atmospheres.	Areas with almost permanent condensation and high pollution.
C5-M	Very high (marine)	Coastal and offshore areas with high salinity.	Areas with almost permanent condensation and high pollution.

Hot-dip galvanised
Performa Zinc+

Most importantly – this is the installer friendly mesh tray

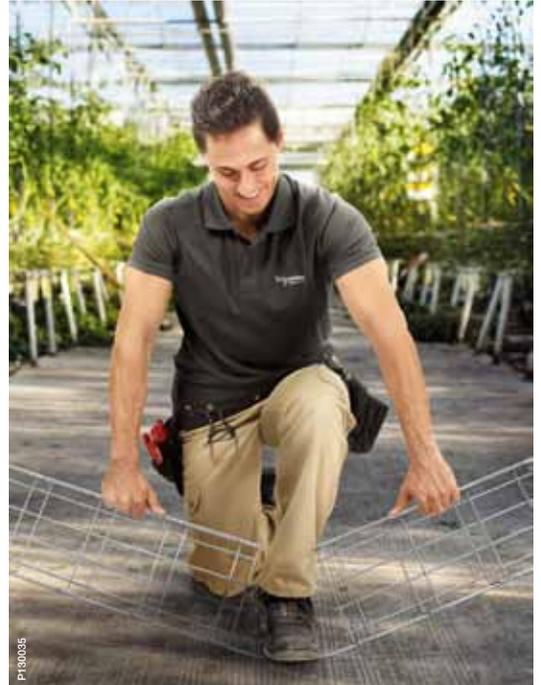
The only way to have a friend is to be one, as the saying goes. So cutting and bending your Performa Zinc+ will not harm its corrosion resistance and due to the smoothness of the surface coating, Performa Zinc+ will never harm you either.



Smooth and aesthetic coating, thanks to a uniform surface treatment.

Installer-friendly

As you might have noticed the hot-dip galvanising process creates an uneven surface. The flakes, burns and sharp edges of HDG mesh trays can scratch both your hands and cables. Avoid it! Performa Zinc+ is as easy to shape as an HDG tray but smooth as stainless steel. So don't make your job harder than it has to be. Choose Performa Zinc+ as your new best workmate.



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

Installation-friendly

Performa Zinc+ has a superior coating ductility compared to HDG, so you can bend it into any desired shape. There will be no cracks or loss in the ability to protect against corrosion. If scratched, and when edges are cut, the Performa Zinc+ coating is self-repairing and will cover imperfections.

Environmental friendly

The planet's resources are not infinite, so when it's possible to make more out of less, we will. Compared to other mesh trays, the production of Performa Zinc+ demands less energy and metal. Still it lasts longer in harsh environments. This makes Performa Zinc+ the environment friendly choice.



Schneider Electric makes the most of your energy. For instance by handling the resources of nature in a responsible way. Not because it's fashionable, but because we care and it makes good business sense.



The Performa Zinc+ surface coating basically consists of zinc and aluminium, providing excellent galvanic protection, which has a self-repairing effect on cuts and scratches. No after-treatment needed on cut edges.

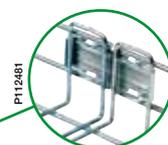
More Performa benefits

Performa is the fast, flexible and complete range of mesh trays. These advantages have made Performa the leading solution on the market for light and medium duty installations. With five different surface treatments available, you will always find the perfect choice, regardless of conditions. The patented double transversal wires ensure a higher working load.



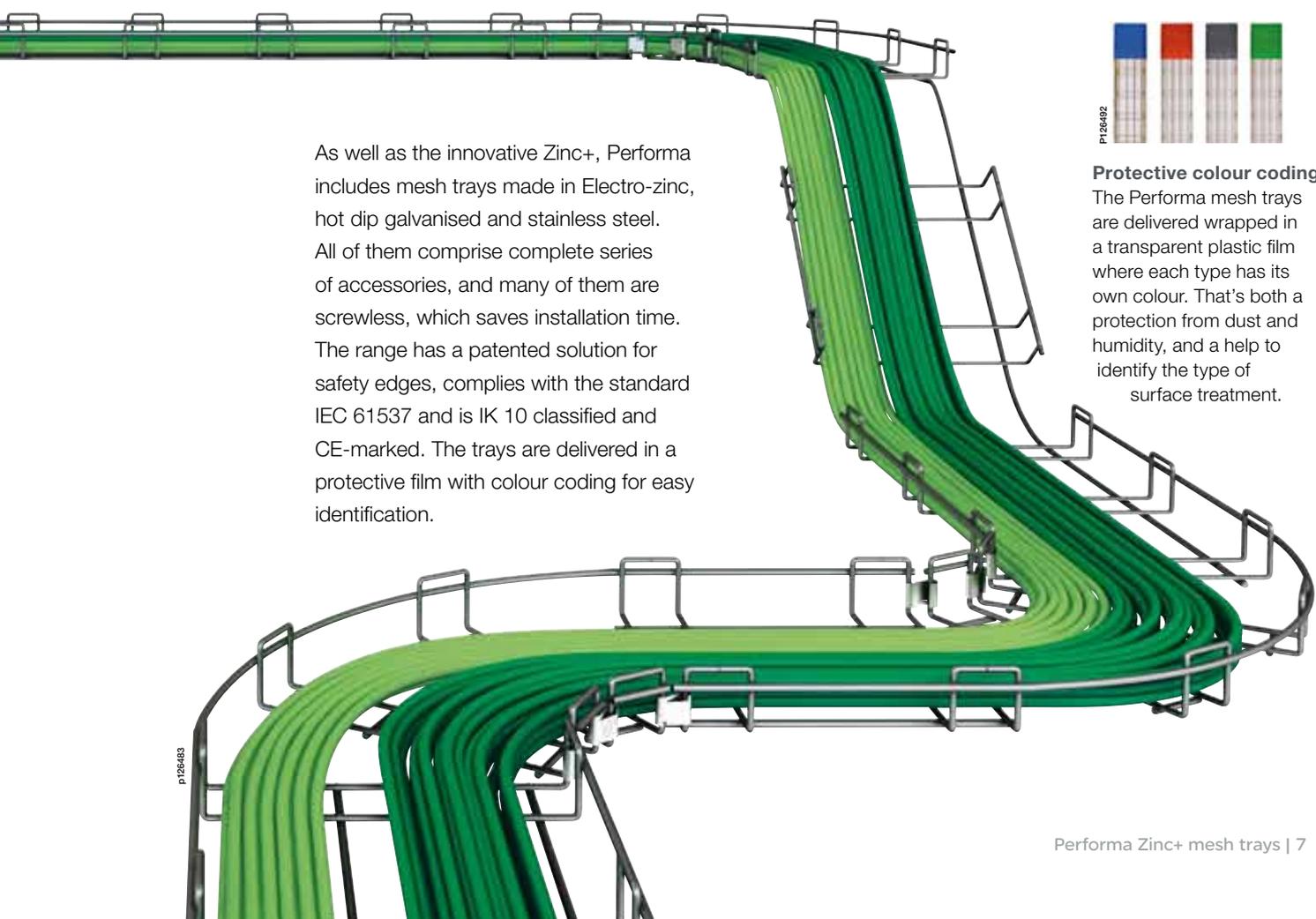
Safety edges

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



Screwless accessories

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



As well as the innovative Zinc+, Performa includes mesh trays made in Electro-zinc, hot dip galvanised and stainless steel. All of them comprise complete series of accessories, and many of them are screwless, which saves installation time. The range has a patented solution for safety edges, complies with the standard IEC 61537 and is IK 10 classified and CE-marked. The trays are delivered in a protective film with colour coding for easy identification.



Protective colour coding

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

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Working as one Schneider Electric makes it clearer that our ranges are highly compatible for integrated solutions.

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