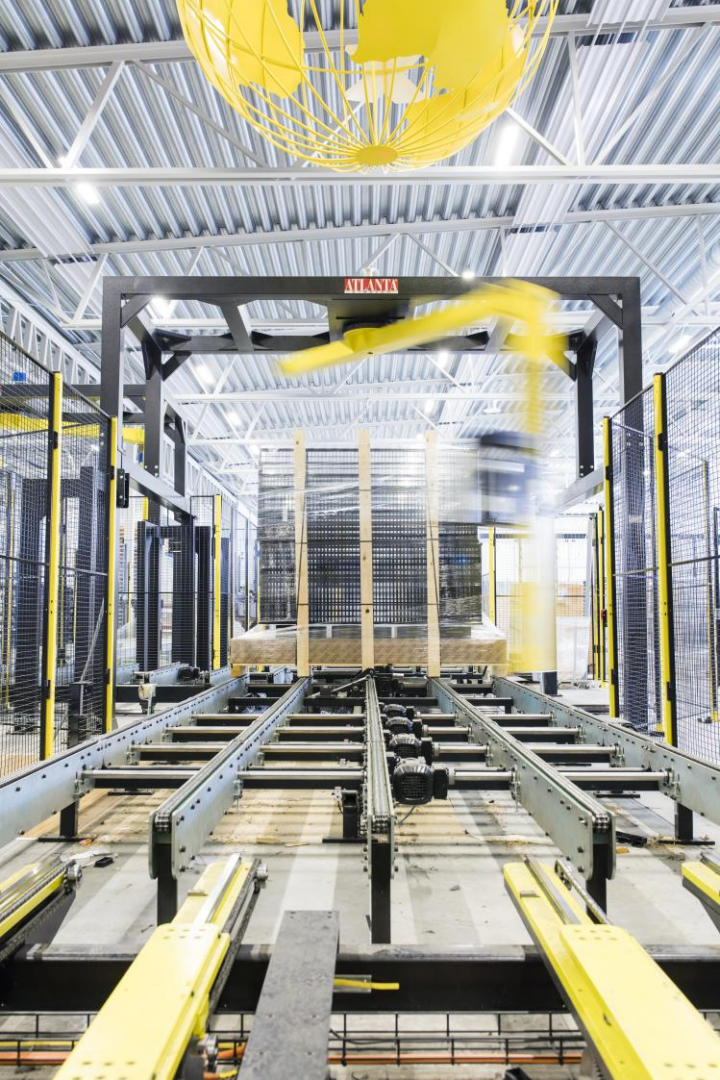




Welcome to a safe world

” Every employee in the world, is entitled to a safe and secure working environment.





Made in Sweden Works Global

Axelent is a Swedish company with extensive experience within the manufacture of mesh wall systems in the form of protection and partitioning systems for industry, warehouses and construction.

Speed, safety, service and smart solutions are watchwords that characterise our entire organisation and business. We are a partner with extensive knowledge in safety and our products are sold world-wide. Always according to legal requirements.

Smart and flexible protection - without limitations



Machine guarding



Warehouse



Cable routing



Impact

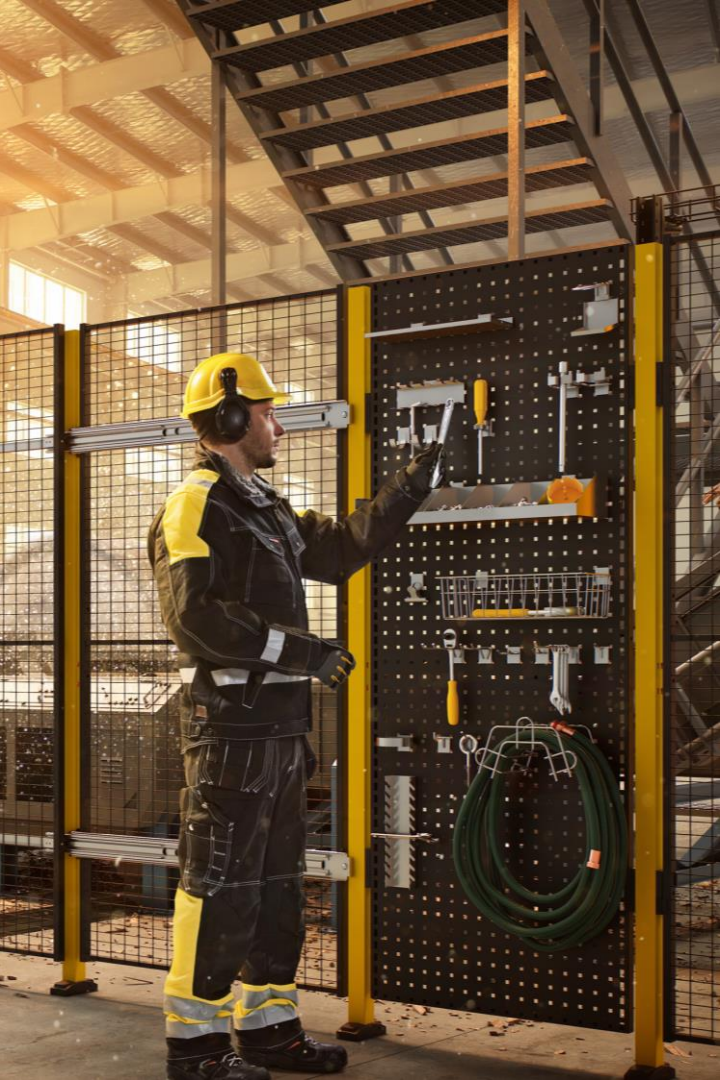


Property



X-Guard®

One system, 1000 advantages



X-Guard[®] Machine Guarding

X-Guard is the number one machine guard that complies with the Machine Directive's new demands on permanent guards. With its wide range of standard components and accessories, X-Guard is guaranteed to cover all possible machine guard needs.

Now we also have a new machine guard, X-Guard Contour, which is the first machine guard with round corners.



X-Guard Machine Guarding

Our machine guard systems are available in mesh, sheet metal, and plastic panel sections.



X- Rail Fall Protection

We supply a wide range of fall protection products which include, kick plates, hand rail and knee rail with specialty L shape post



X-Tray for X-Guard

Flexible and simple handling with quick delivery and assembly means that choosing Axelent machine guards will always be a cost-efficient solution.

X-Guard® has as many advantages as smart details

- X-Guard is quick to assemble thanks to punched holes and pre-mounted fittings.
- X-Guard Lite is a simpler version of X-Guard and an alternative when you need a more cost-effective solution.
- Thanks to X-Guard's smart door solutions you do not need to pre-determine whether you need a left or right-hinged door (not X-Lock and X-It).
- X-Guard Contour is the alternative with rounded corners. Everything for a sleek and functional design!
- Axelent X-Tray are customized cable trays with smart fasteners which can be integrated with X-Guard machine guard.
- X-Guard sections are available in 13 widths and 4 heights.
- X-Guard posts have a smart design with factory-drilled holes on three of the four sides, making it versatile



X-Key – the key to success!

A unique key for quick panel release. Forget about tools. All you need is X-Key.



Use the X-Key, place it into the upper fitting ...



... push it to the side ...



... and the panel will come loose. Done!



Axellent offers endless combinations and solutions in X-Guard – the most flexible system in machine guarding. Doors and panels are designed to ensure you can switch whenever necessary. You can change hinge and lock handing with a simple operation. This means you can quickly change the machine guard as and when the need arises.

X-Guard® machine safety of the future

- **Safe**

Axelent's machine guards are designed to fulfil all the demands put on a functional machine guard.

- **Functional and smart**

In addition to safety, it is vital that our products work as smoothly as possible.

- **Simple**

Our machine guards are built around a standard design with regard to panels, posts, accessories and colour. This makes it easier for you to complement existing guards if required.

- **Cost-effective**

Smooth and easy handling, together with speedy delivery and assembly.

- **Complete**

X-Guard machine guards are available in mesh panel sections or sheet plate and plastic sections. Axelent's large selection of doors, locks and accessories offer a complete machine guard solution tailored to your needs.

- **A machine guard that grows**

We listen to our customers to enable us to develop the range as new needs arise.

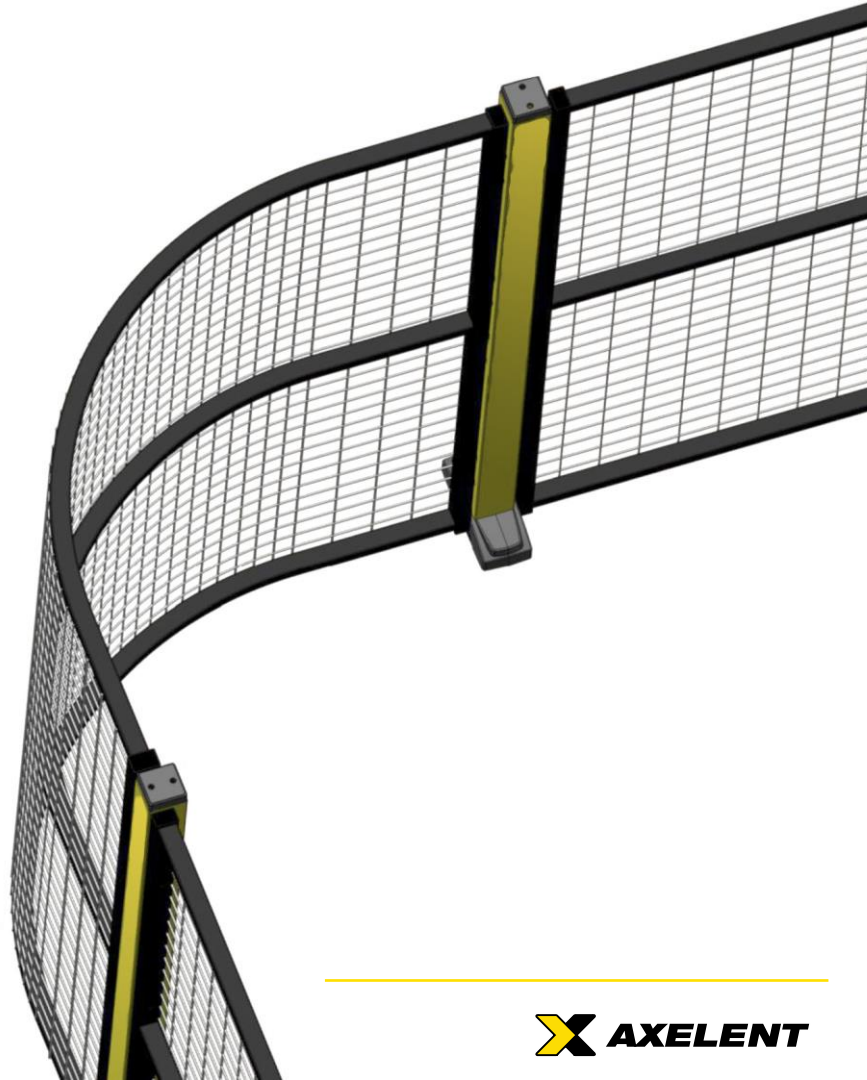
- **Space-saving**

With X-Guard Contour's more friendly design, you don't have to deal with square corners that take up unnecessary space, and you'll get a machine guard that smoothly fits in the production environment.

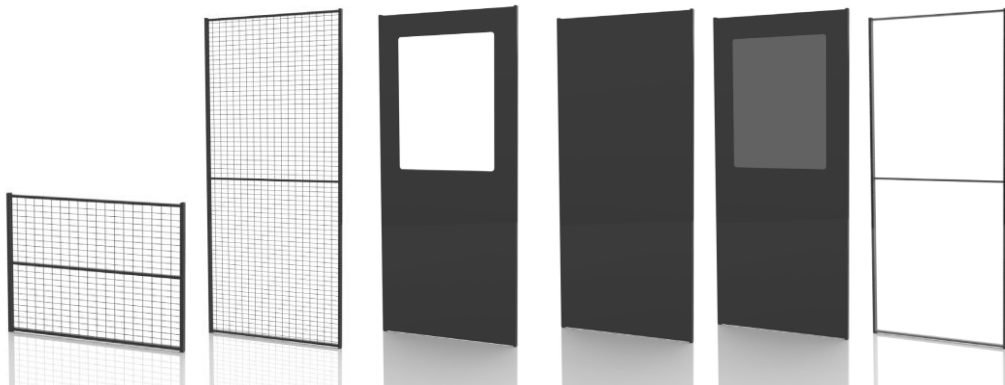
X-Guard® - Contour

By opening ourselves to new shapes we allow the machine guards to be an attractive yet integrated part of the whole solution. With X-Guard Contour's more friendly design, you don't have to deal with square corners that take up unnecessary space, and you'll get a machine guard that smoothly fits in the production environment.

The panels come in three different heights; 1300, 1900 and 2200 mm in 90° angle.



X-Guard® - Mesh, Plastic and Metal



PRODUCT FACTS MESH PANELS

Safety distance	120, 200 mm
Uprights	30x20 mm
Horizontals	25x15 mm
Posts	50x50, 70x70 mm
Vertical wires	Ø 3 mm
Horizontal wires	Ø 2.5 mm
Mesh aperture	50x30, 50x20 mm
Finish	Phosphatising/Epoxy paint
Colour mesh panel	Black RAL 9011
Colour post	Yellow RAL 1018, black RAL 9011, blue RAL 5005, red RAL 3020

(other colours can be quoted)

PRODUCT FACTS MESH PANELS PLASTIC- AND SHEETPANELS

Uprights	30 x 20 mm
Horizontals	25 x 15 mm
Plastic	2 mm (thermoplastic polyester)
Sheet	0,8 mm
Posts	50x50, 70x70 mm
Colour panel	Black RAL 9011
Colour post	Yellow RAL 1018, black RAL 9011, blue RAL 5005, red RAL 3020

(other colours can be quoted)



Post prepared for pushbuttons

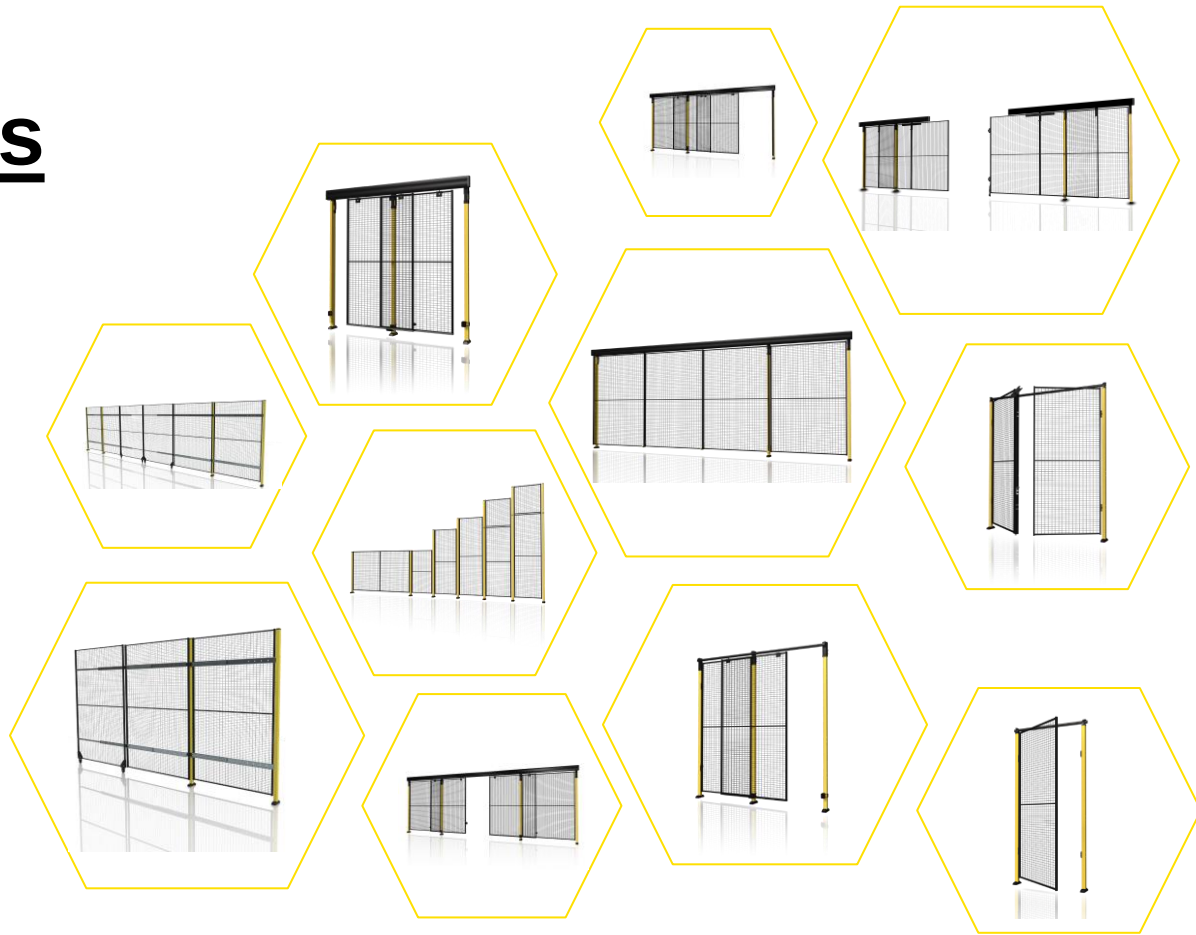
Axelent has developed X-Guard posts ready prepared for pushbuttons in a standard design. They make handling much easier and give a clean and tidy installation. The post is equipped with a cover plate that doubles up as a guard against accidental activation.

The post comes in dimensions of 50x50 and 70x70 mm, and heights of 2000 and 2300 mm.

X-Guard® Doors

Axellent offers a wide range of different doors to our X-Guard®.

Whether you need a door for limited space or need of a large opening – we have the right door for you!



X-Guard® Locks

Axelent's wide range of innovative locks gives you the complete protection.



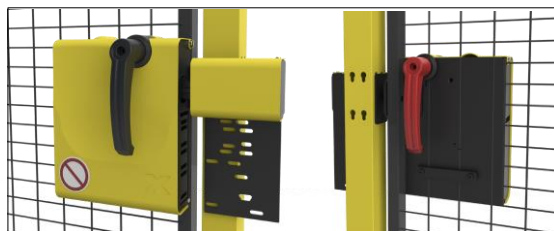
Hitch lock



Snap lock



Pad lock



X-Lock



Euchner MGB



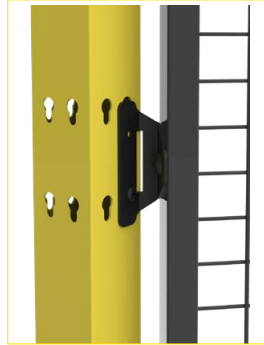
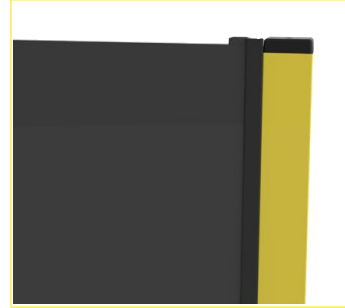
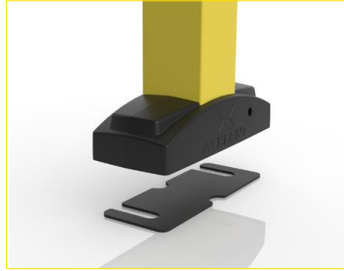
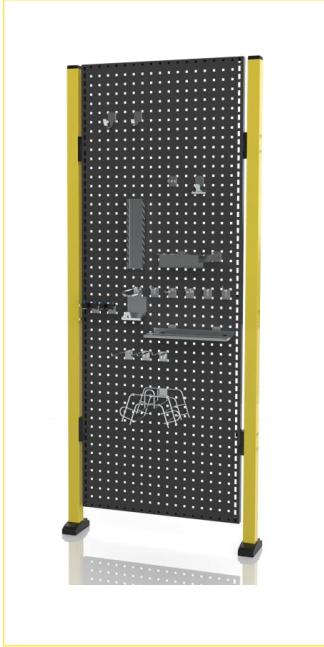
X-It

A unique, robust lock specially designed to fit Axelent's mesh wall system, but thanks to the simple installation it fits most other systems on the market.

The lock is based on an unique design where no additional lock housing is required, only a standard lock cylinder. The lock is robust with a cover in metal to withstand heavy use.

X-it can easily be adapted for swing or sliding doors.

X-Guard® Accessories



No machine guard is complete without X-Tray®

- Smart cable trays
- Strong, flexible and easy to mount
- Integrated design
- No special tools needed

The natural choice for X-Guard®





Axelent X-Tray for X Guard gives you and your machine guarding a cable management solution which integrates with X Guard seamlessly with the support brackets fixed to posts it still allows controlled removal of the panels for maintenance.

Warehouse

Axelent is one of the market's leading brands of mesh panels for industry and warehouse environments. Our products and systems ensure flexible and quick-fitting solutions at all stages from drawing preparation to final product assembly.



Good reasons to choose our X-Rail Fall Protection system

1 Downtime for damaged machinery is another costly factor, especially downtime for repair. This will be prevented by a correct fall protection system in place from the very beginning.

2 If your employees work at heights, you need to eliminate hazards. To avoid this, you need a fall protection system that is designed to prevent people from falling over, through or underneath the railing.

3 The system can be installed once the mezzanine has been built, saving money on temporary scaffolding and other safety measures during the construction phase..

4 The X-Rail system includes a combination of posts, handrails, kick plates and if your installation needs it also panels. The use of solid panels or mesh prevents larger items from accidentally dropping to the levels below, potentially causing harm to pedestrians and machinery.



Axelent X-Rail Fall Protection gives you and your employees a huge factor of safety, it also helps you save money and opens new opportunities that has not previously been available. With the X-Rail you will get a strong, easy to install and completely modular system that will satisfy your needs and improve safety at your workplace.



Why X-Rail?

The X-Rail system will mean safety for you and your employees. Additionally, it helps you save money and opens new opportunities that were not available before. With X-Rail you will get a strong, easy to install and completely modular system that will satisfy your needs and improve safety in your workplace.

Tested and approved against the following standards:

- DIN EN ISO 14122-3: 2016
- BS 6180:2011
- AS 1657:2018
- OSHA 1910.29

All tests and verification have been performed with below various types of floor to ensure that it works in different environments:

- Concrete
- 38 mm mdf board placed on top of an I-beam in steel
- Grid floor placed above an I-beam in steel



X-Protect

Designed for a simple future



Impact Protection

X-Protect is our new range of impact protection products. We offer all impact protection you need, from bollards to safety barriers.



Designed for a simple future



Unrivalled
modularity and
flexibility



Unlimited combinations
and **compatible**
with other
Axelent
products



Easy to assemble –
and adding
elements to
already
existing
configurations



Replace
damaged parts
without
replacing the
whole system –
low maintenance
for employees



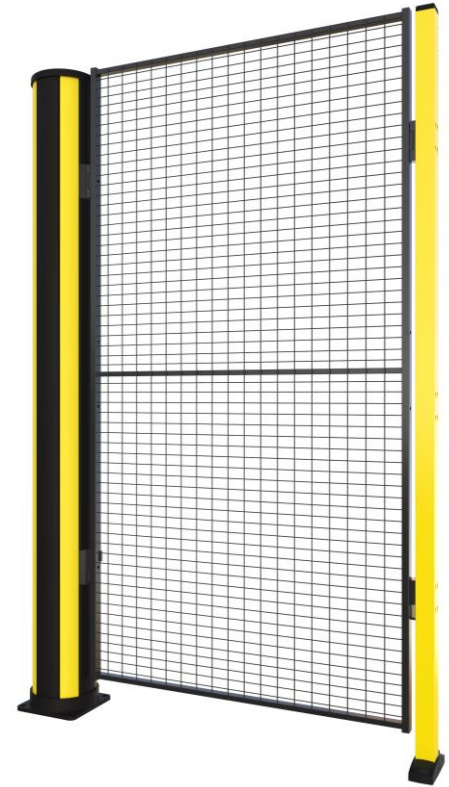
Energy absorbing on
heavy impacts



Optimal recycling –
only one kind
of plastic is
used in
each part

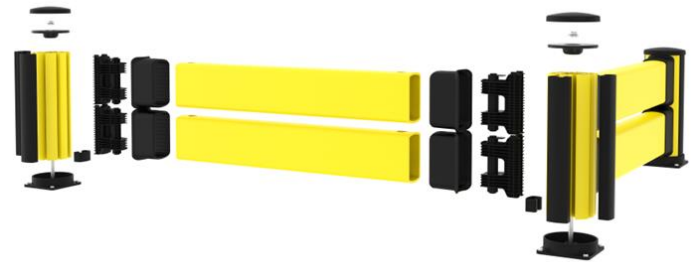
Modular design and unlimited combinations

- Multiple configurations easy achieved
- Damaged parts can also be changed easily without replacing the entire system
- Can be integrated with our X-Guard system
- Low level and high level can be combined where necessary
- Different handrail options easily achieved



Easy to assemble

- Simple installation methods that are continuous throughout the range
- Expansion bolts are used for the base and a locking nut for the cap
- The rest of the system is simply push/slide fit connectors and locking pins



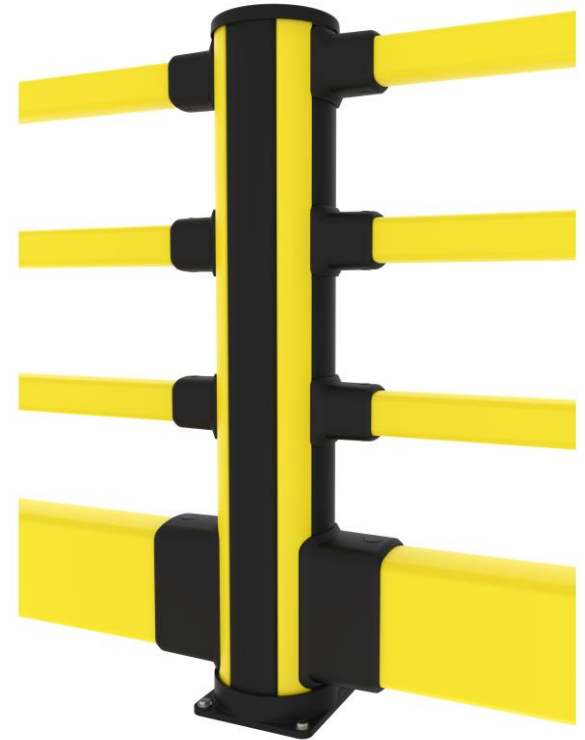
Energy absorbing design

- The heavy duty rod and plastic outer shell provide energy absorbing properties
- The handrail and connectors are also plastic with rubber connectors to provide flexibility
- Deflects energy away from the fixings reducing the risk of damage to the floor
- Increases the strength and durability of our complete solution



Optimal recycling

- Only one kind of plastic is used in each part which makes the product optimal for recycling
- Allows for damaged or worn parts to be replaced at a component level
- The materials are the result of careful choices, all to make X-Protect as long-lived and environmentally friendly as possible



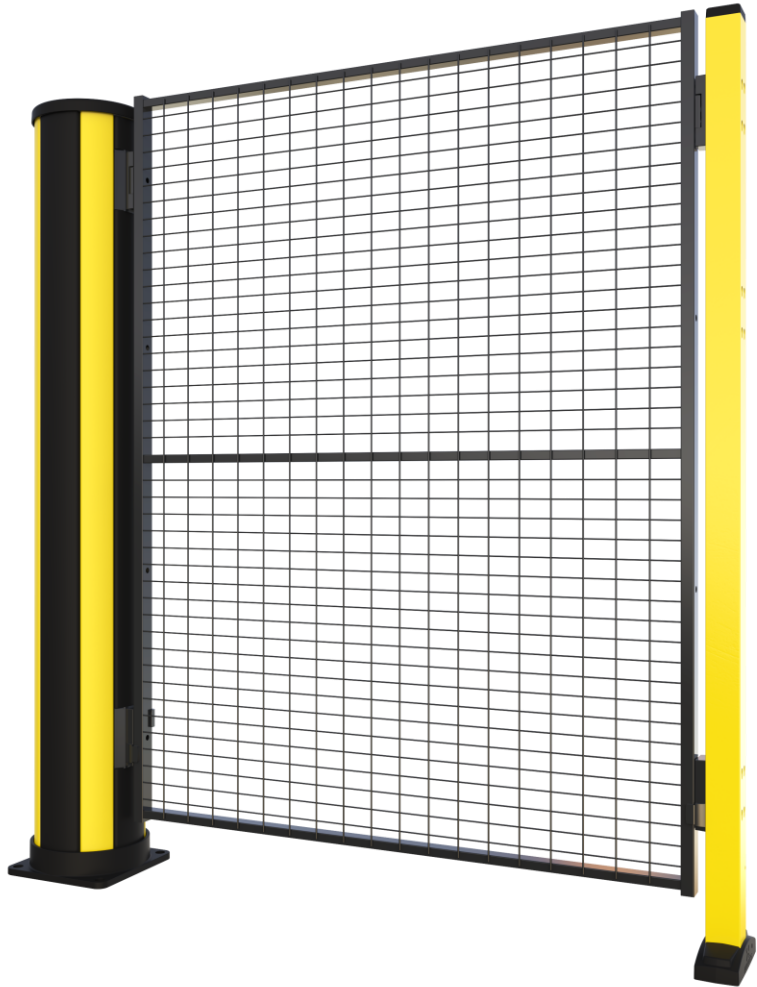
Product overview





Bollards

- Built-in damping
- Impact absorbing core
- Kind to the floor
- Compatible with X-Guard
- Recyclable materials



X-Guard connections



Pedestrian Barrier

- Easy slide-in installation
- Built in damping
- Metal core
- Kind to the floor
- Recyclable materials



Impact Barrier

- Easy slide-in installation
- Uniform impact performance
- Several interchangeable configurations available
- CC lengths up to 3000mm
- Recyclable materials

1. Impact

- Ideal for low level protection such as around building perimeters or protecting X-Guard

2. Impact high

- Capable of taking higher loads than the low version suitable for areas where low level protection is not needed

3. Double impact low

- Offering high and low protection

4. Double impact

- Taller impact protection

1.



2.



3.



4.





Column guard

- Telescopic size adjustment
- Light-weight hollow impact absorbing design
- Notch base cover
- Protects columns up to 375mm
- Recyclable materials



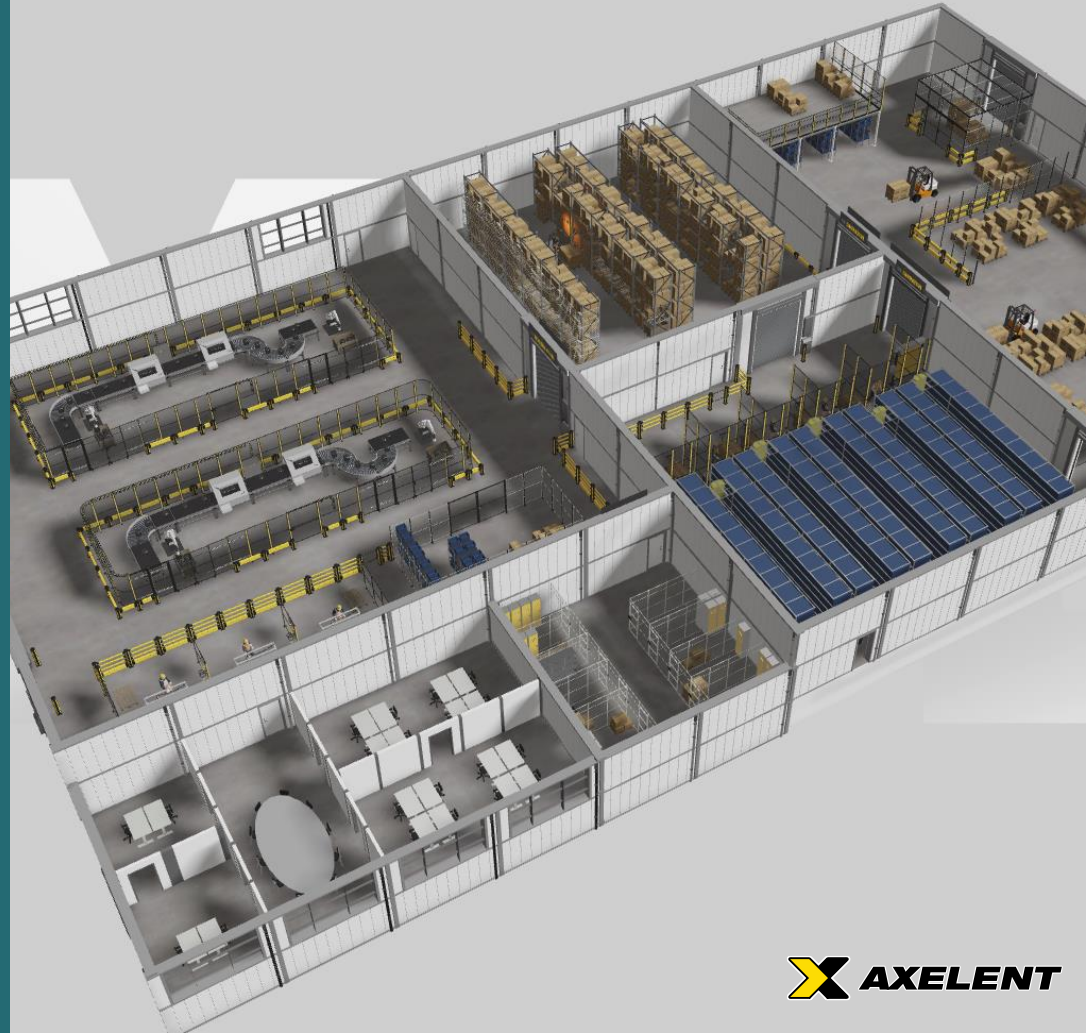
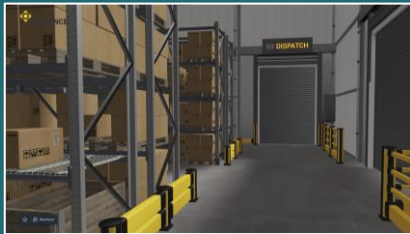
Impact testing

Our impact protection has been through vigorous testing. Using a weighted forklift truck replica, we can apply repeatable real-world forces to impact zones.

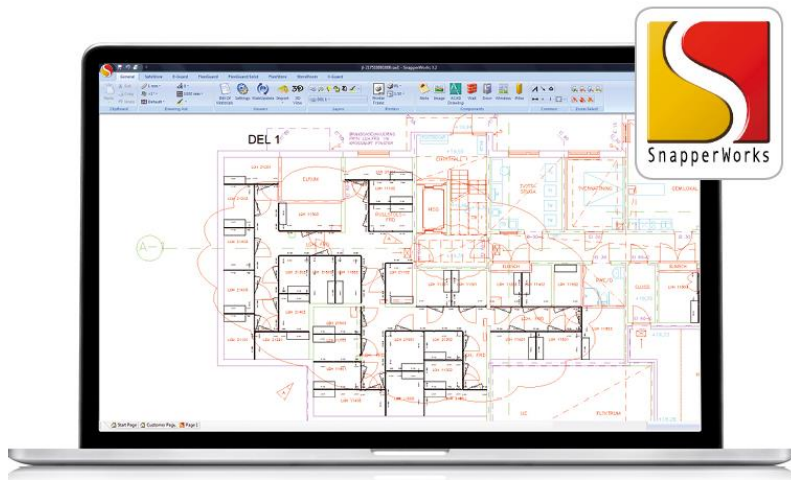
All our products has been tested by the PAS 13 test method.

Discover, explore and enjoy
our Digital Showroom filled with
inspiration and knowledge
about our new system!

Axelent Xperience Showroom



SnapperWorks – as simple as it is brilliant



Axelents own and very user friendly drawing program [SnapperWorks](#) allows our customers to quickly obtain an overview of the sections they require and how the final mesh panel system will look. Just drag and drop to prepare a complete drawing of all the parts you need. Click and drag! Getting an overview of what you need and how your mesh panel system will look couldn't be quicker or easier. The drawing can be used to generate your order.

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