



# Good reasons to choose our X-Rail Fall Protection system

There is a quick and easy way to improve safety on mezzanine floors, platforms and walkways and eliminate the risk of falling from a height in your workplace. Here is a guide to what you need to know about Axelent's X-Rail Fall Protection system.

Providing good safety for staff is a key factor for successful business. The cost of an accident to an employee or visitor can be huge, not to mention the tragedy and personal suffering. 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.

If your employees work at heights, you need to eliminate hazards and risks of falling to the extent possible. Fall accidents are a common cause of serious injury or even fatal accidents at many companies. To avoid this, you need a fall protection system that is designed to prevent people from falling over, through or underneath the railing. Regulations require that the guardrails must be strong, high enough and consist of handrail (one pcs with panel and two pcs without), a kneerail and a kickplate (at least 10 cm high).

The X-Rail system safely protects people from the risk of falling. It includes a combination of posts, handrails, kick plates – and if your installation needs it – also solid 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.

Our fall protection system is placed on ledges where there is a possibility that people or things could fall off the edge. The product helps to prevent fall accidents and creates safety for persons on the ledge.

The system can be installed once the mezzanine has been built, saving money on temporary scaffolding and other safety measures during the construction phase. X-Rail comes in two heights; 1 400 and 2 300 mm, and can be installed in a number of different heights and center widths allowing you to choose your preferred configuration. The system is compatible with our machine protection X-Guard in areas where edge protection is not required.

X-Rail is quickly and easily installed either directly on a concrete floor, bolted to the steel mezzanine I-beams of the mezzanine structure or on several different bases, including 38 mm plywood or metal grid channels. The installation of the modular handrail is also easy, the existing key hole slots on the posts allow to use a handrail and additional kneerail, if needed.

To ensure that maximum safety is achieved, you may also install mesh, solid or transparent panels, depending on the nature of the installation and the requirements. Using a panel and the kick plate, you avoid gaps and thereby prevent accidents with smaller objects falling to lower levels.

## 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.



## INDIRECT COSTS OF A WORKPLACE ACCIDENT

- Fines to the hurt employee/person
- Damaged machine or tools
- Shutdown of workplace during investigation