

Fall arrest systems

Guardrails

XSPHILOSOPHY: DRIVEN BY INNOVATION

WE ARE GUIDED BY FIVE CORE VALUES:

SAFETY ABOVE ALL

FOCUS ON THE CUSTOMER

SIMPLICITY DEFINES QUALITY

THE BEST ISN'T GOOD ENOUGH

THERE IS NO SUCH THING AS A PROBLEM

XSPlatforms believes that working at heights must be safe for everybody at all times on any location. Every product and system we provide guarantees safety, simplicity and efficiency. However, we keep raising the bar to surprise the world with improved, innovative fall protection solutions. Our XSGuardrail makes no exception to this philosophy.

Being a specialist in customized solutions, our guardrail systems offer various ways to meet any need in terms of design, properties, installation and possibilities.

For our full XSPhilosophy, visit xsplatforms.com



PERMANENT SAFETY WITH MINIMUM IMPACT

The highest degree of fall protection is achieved by the use of guardrails. Nothing is as safe as this permanent, yet simple solution that ensures the protection of an unlimited number of people.



WHY GUARDRAILS?

Guardrail systems offer optimum safety with minimum effort. They create a safe working environment without the need of precautions and personal protection equipment. There are also additional advantages compared to several other solutions. On a long term basis, our EN13374 compliant XSGuardrails are most cost-effective and, in addition, protect an unlimited number of people working on a roof. Our guardrails are free of any mandatory annual inspection or certification, do not need any preparation before use, require no user knowledge and offer the workers optimum freedom of movement.

XSGUARDRAILS BY XSPLATFORMS

Since in most countries the law requires building owners to ensure safety for personnel or others working on rooftops, a guardrail system is the best choice. This system simply provides the highest possible safety level. Our XSGuardrails are designed to ensure maximum safety and efficiency on any type of roof surface, platform and terrace. Installation of XSGuardrails is done without drilling in the roof structure and it is possible to choose for temporary instead of permanent guardrails. XSPlatforms can also provide you with specific parapet solutions.

No matter what the roof conditions, we have or will design the right (custom) solution for every project.

FREESTANDING GUARDRAILS

XSGuardrails stand freely and therefore do not need to be attached to the roof structure. The long stand bases and concrete counterweights keep the system securely in place. This minimizes the risk of leaks and moisture due to water damages.





XSFIXED

The XSFixed has a fixed base and upright with no further design. Installed along the roof's edge, it provides maximum protection for those working at heights.

XSCURVED

This is a variant of the XSFixed, slightly different in design. The upright of the guardrail is curved, to create a more attractive appearance. This way, it can add to the aesthetic appeal of a building's structure. An additional advantage of curved uprights is that it automatically keeps workers further from the roof edge.

XSFLEX

Another option to minimize the impact on a building's design is the also freestanding, easy to install XSFlex. It has all the same properties as the XSFixed and XSCurved, but adds a significant property: it is foldable. This makes the XSFlex invisible to the eye when not in use and exceptionally suitable as temporary solution: during work on the roof, the guardrail can be used by pointing the rails upwards. When there is no work being done, it can easily be made invisible by simply folding it back down.

SPECIFICATIONS

| XS Guardrails | |
|--------------------------------|--------------------------------|
| Standards | EN 13374 class A |
| | EN 14122-3 |
| Max. distance between uprights | 244 cm (8 ft 1/16")* |
| Upright height | approx. 112 cm (3 ft 8 3/32")* |
| Length of horizontal beam | approx. 122 cm (4 ft 1/32")* |
| Tube diameter | 4 cm (1 9/16") |
| Weight of XS Mass | 23 kg (50.7 lbs) |

* Sizes and distances may differ per type of guardrail or per country/region due to local rules and regulations.





PARAPET GUARDRAILS

Roofs with a parapet that is high enough conform local standards, do not need to have a fall arrest system installed. For structures with roof parapets lower than the accepted standard, our parapet solutions are a good fit. The installation of parapet guardrails will keep the roof structure completely intact and leaves more room for workers to reach every inch of the roof and to move around freely.

XSPARAPET FIXED

The XSParapet is a guardrail that can be installed on top of a parapet and will cause no damage to the roof. It is a simple yet effective fall protection solution that perfectly fits the needs of a parapet roof.

XSWALL FIXED

A second parapet solution is the XSWall Fixed. This system is also installed to the parapet, but is mounted on the side instead of on top.





ADDITIONAL FEATURES

Safe, simple and adjustable to custom needs. That was our starting point for creating an innovative guardrail system. The outcome is a diversity of specific properties and features that represent a completely adequate solution for many roof scenarios.

INTEGRATED TOE BOARDS

For buildings with a flat roof or even slopes from zero to ten degrees, the XSGuardrail can be equipped with an integrated toe board to prevent materials from rolling down or sliding off the roof.

EASY TO INSTALL

There are only a few separate components that, once combined, create the complete XSGuardrails. Installation is very easy, since no tools are required. One special wrench is enough for the components to simply 'click' in place. This quick method increases the safety of the workers installing the system and enables just two persons to install 150 up to 200 meters (492 to 656 feet) a day.

PERMANENT OR TEMPORARY

The horizontal elements of the guardrails can be installed permanently using a click system. A special clamp (XSReclamp) is also available for temporary railings, allowing easy disassembly of the various elements. This makes the system also suitable as a temporary fall protection solution.

MULTIPLE TYPES OF CORNERS

There are special corner pieces for all guardrail systems. These can be used as a complementary part of the XSGuardrails. Available are the 45° corner piece, 90° corner piece and a special corner piece known as the XSEdge Xtra, that can be used for 80 to 160° corners.

XSENTRY

An entry door can be added to the guardrails, providing a safe roof entry for roofs that can only be accessed by a ladder. As an additional safety feature, the XSEntry is equipped with a spring back mechanism that automatically closes the gate behind the user. Leaving no room for error that might expose the worker to danger.

COLOR GUARDRAILS

XSGuardrails can be coated to the customers wishes in various RAL colors. For instance, to match a building's color scheme. Since we offer the option of pre-painted guardrails, customers do not have to organize the right color themselves.

XSGUARDRAILS IN PRACTICE



One of our Partners in The Netherlands was contracted for a large project, involving a combination of several XSGuardrail systems. The architect's main demand and concern was to keep the building's exterior completely intact. By installing specially coated guardrails, the systems are integrated into the building's design, minimizing the impact on its outer appearance.



PROJECT

Client: Mentor Medical Systems BV
Location: Mentor Medical Center, Leiden (The Netherlands)
Architect: Jorissen Simonetti Architecten BV
Sector: Medical equipment and instruments
System: 5-star (coated) XSCurved and XSParapet guardrails, distributed over five different roof surfaces (protection for 3740 m²/40,257 ft² roof)



STANDING SEAM SOLUTION

There are roof structures that require specially developed designs. XSPlatforms has become a specialist in providing customized solutions. Take the Xtrusion, for instance. A smart solution, specifically developed to install our guardrail system on a standing seam roof. The profiles of this roof type require a special base plate and installation method.

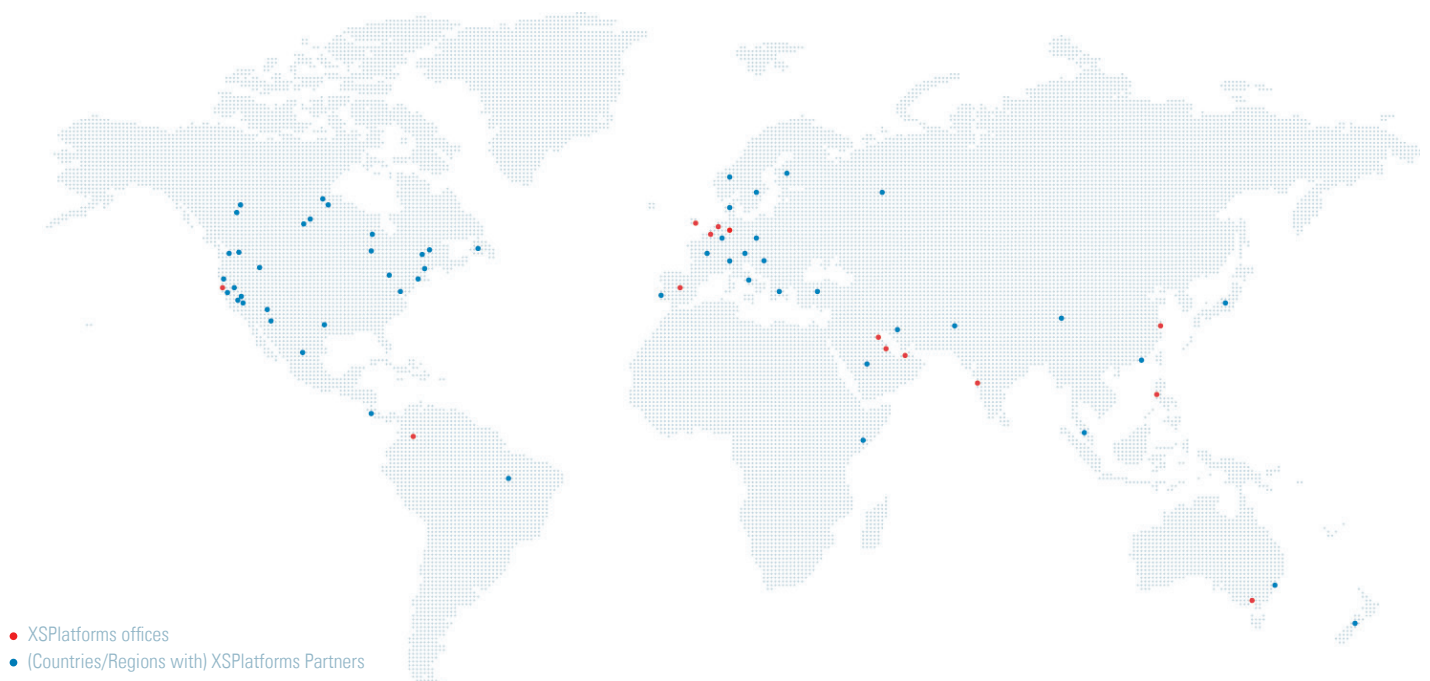


CUSTOMIZED SOLUTIONS

XSPlatforms designs innovative solutions based on the market's needs and on any customer's request. The Xtrusion is just one example of a specially developed system. Whatever the shape and material of the roof, XSPlatforms will always provide the perfect guardrail solution.

About XSPlatforms

XSPlatforms develops revolutionary solutions for working at height safely and efficiently. From design and production, to installation, inspection and maintenance of systems for facade access. From its branches in Europe, Asia, the Middle East and North and South America, XSPlatforms also provides training for users, risk inventories and world-wide consultancy services.



What sets XSPlatforms' solutions apart is their attractive, durable design, their high level of reliability, their unprecedented ease of use and their practical innovations. Our portfolio includes:

FALL PROTECTION

Maximum permanent protection is offered by our guardrails and lifeline systems. With minimum damage to roofs and rapid assembly our products for portable fall protection are amongst the finest systems in the world. All fall protection solutions are designed with the user in mind: practical, safe and intuitive.

FACADE ACCESS EQUIPMENT

Safety regulations get more strict everywhere. To ensure a minimum impact on the architectural value of a building, our durable building maintenance units are tailor made, adapted to a building's specific characteristics. With state-of-the-art technologic features, our gondolas and roofcars offer optimum protection to the user.

SUSPENDED PLATFORM SYSTEMS

The best yesterday, isn't good enough today. With that in mind our team of designers has come up with a new, patented design for scaffolding systems. Safer upon assembly, during use and when dismantling. This revolutionary system offers users more freedom of movement, safer use and easier transport.

SCAFFOLDING SYSTEMS

Scaffolding systems that are easier and safer to install than anyone thought possible. Systems that combine the advantages of scaffold towers and walk-through scaffolding, while providing users with optimum flexibility and safety.

