



INSTALLATION & USER MANUAL

THE EDGE PROTECTION
SYSTEM FOR FLAT ROOFS

1. INTRODUCTION

Roofguard is the ideal solution for construction professionals looking to secure flat or slightly sloped roofs with a pitch of up to 10° quickly, safely and efficiently. Collective safety on roofs is essential and can literally save lives. That is why Roofguard provides reliable, user-friendly and robust protection when working near roof edges and openings. The complete system comes in a single ready-to-lift box, making transportation easy. Unlike conventional systems, Roofguard requires no clamps or counterweights on the roof. Instead, the system is anchored below the roof edge, leaving the entire roof surface unobstructed. Once installed, Roofguard does not need to be moved while the roof is being finished, saving time and making work safer and more efficient. Made from a combination of aluminium and steel, Roofguard is lightweight, durable and robust. The modular 5-metre guardrails are 1.10 metres high and feature a toe-board to help prevent tripping and stop tools and materials from falling off the roof. Roofguard complies with EN 13374 – Class A and is suitable for flat and slightly sloped roofs with a pitch of up to 10°.

2. PRODUCT DESCRIPTION

Feature	Specification
Quantity per box	100 linear metres of edge protection
Length per module	5 metres
Post height	1.10 metres
Structural materials	Aluminium + steel
Mounting bracket material	Steel (hot-dip galvanised)
Mounting type	Wall mounting (wood, concrete, brick, etc.)
Fasteners per mounting point	6 mounting screws
Screw type for concrete/brick	Ø 10 x 80 mm
Screw type for wood	Ø 6 x 80 mm
Inward lateral load per post	45 kg
Maximum roof pitch	10°
Certification	EN 13374 – Class A
Average weight	Depends on configuration



3. KEY FEATURES

Quick and efficient installation – ready in just minutes.

Safety first: helps prevent falls from height, tripping and falling materials.

Robust construction: aluminium guardrails and steel mounting brackets.

Suitable for flat and slightly sloped roofs with a pitch of up to 10°.

Complies with EN 13374 – Class A.



**ROOFGUARD IS THE EDGE PROTECTION SYSTEM
EVERY CONSTRUCTION PROFESSIONAL NEEDS
TO WORK SAFELY, QUICKLY AND EFFICIENTLY.**





4. SAFETY INSTRUCTIONS

All instructions in this manual must be followed carefully. Failure to do so may result in serious accidents.

Roofguard cannot be held liable for damage resulting from the installation or use of its products contrary to these instructions, or from the use of non-original components, whether individually or in combination with original parts.

Always wear appropriate personal protective equipment (PPE) when installing the Roofguard system, including a safety helmet, safety footwear and a fall arrest harness.

Do not attach any other objects to the system.

Check all components for damage, wear or corrosion before installation.

If a person trips or loses their balance and falls against the Roofguard system, a lateral force may be exerted on the structure. Following such an impact, the system must not be used again until it has been inspected and approved by a competent person appointed by the employer, who has the necessary knowledge, authority and qualifications to safely inspect the Roofguard system.

Do not modify or weld any components.

Only install the system on stable, load-bearing walls.

Only use CE-approved mounting screws or anchors.

Only suitable for flat or slightly sloped roofs ($\leq 10^\circ$).



5. COMPONENTS LIST

1. Modular guardrail sections (aluminium, 5 m)
2. Posts (aluminium, height 1.10 m)
3. Fixed/adjustable mounting brackets (hot-dip galvanised steel)
4. Toe-board (aluminium, integrated)
5. Locking pins
6. Mounting screws and other fasteners are not included in the system.



6. INSTALLATION INSTRUCTIONS



CHECK THE WALL FOR STABILITY



CHECK THE ROOF PITCH (**MAX. 10°**)



INSTALL THE VERTICAL/HORIZONTAL MOUNTING BRACKETS

Concrete or brick: 6 mounting screws, 10 x 80 mm

Wood: 6 structural screws, 6 x 80 mm

An alternative anchoring method is permitted, provided that an on-site test demonstrates its ability to withstand a lateral load of at least 441 N.



Vertical mounting bracket



Horizontal mounting bracket



MAXIMUM DISTANCE
BETWEEN TWO POSTS: **4,8M**



INSTALL THE POSTS





6 INSTALL THE GUARDRAIL



7 INSTALL THE TOE-BOARD IF THE ROOF UPSTAND IS LOWER THAN 15 CM



8 SECURE THE GUARDRAILS AND TOE-BOARDS WITH THE LOCKING CLIP



9 CHECK THE LATERAL LOAD RESISTANCE

After installation, each secured post must be able to withstand a horizontal force of 441 N, applied using a calibrated force gauge, without the mounting coming loose from the supporting structure. If a force of 441 N cannot be safely achieved, the system must not be put into use at that mounting location.



7. USE AND INSPECTION

Only use the system as temporary edge protection.

Do not use the system as a ladder, support or lifting device.

Inspect the system weekly while in use and always after a storm, impact, fall, vehicle collision, structural modification or whenever components have been dismantled or repositioned.

After dismantling, clean and inspect all components.

Replace damaged, deformed or corroded components immediately. The use of damaged components is strictly prohibited.



8. MAINTENANCE AND STORAGE

Store all components in a dry, well-ventilated area.

Avoid contact with damp ground or aggressive substances.

Protect components against impacts and falling objects.

9. LEGAL PROVISIONS

Roofguard complies with EN 13374 – Temporary edge protection systems, Class A.

Suitable for flat and slightly sloped roofs with a pitch of up to 10°.

The user/installer is responsible for correct installation and inspection.

The manufacturer cannot be held liable for damage or accidents resulting from incorrect use or installation.

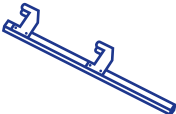
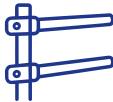
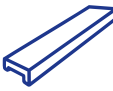
10. SUMMARY OF TECHNICAL SPECIFICATIONS

Parameter	Waarde
Module length	5 metres
Post height	1.10 metres
Materials	Aluminium + steel
Mounting	Wall (wood, concrete, brick)
Screws per bracket	6
Screws for concrete/brick	10 x 80 mm
Screws for wood	6 x 80 mm
Lateral force per post	441 N
Roof pitch	Max. 10°
Standard	EN 13374 - Class A



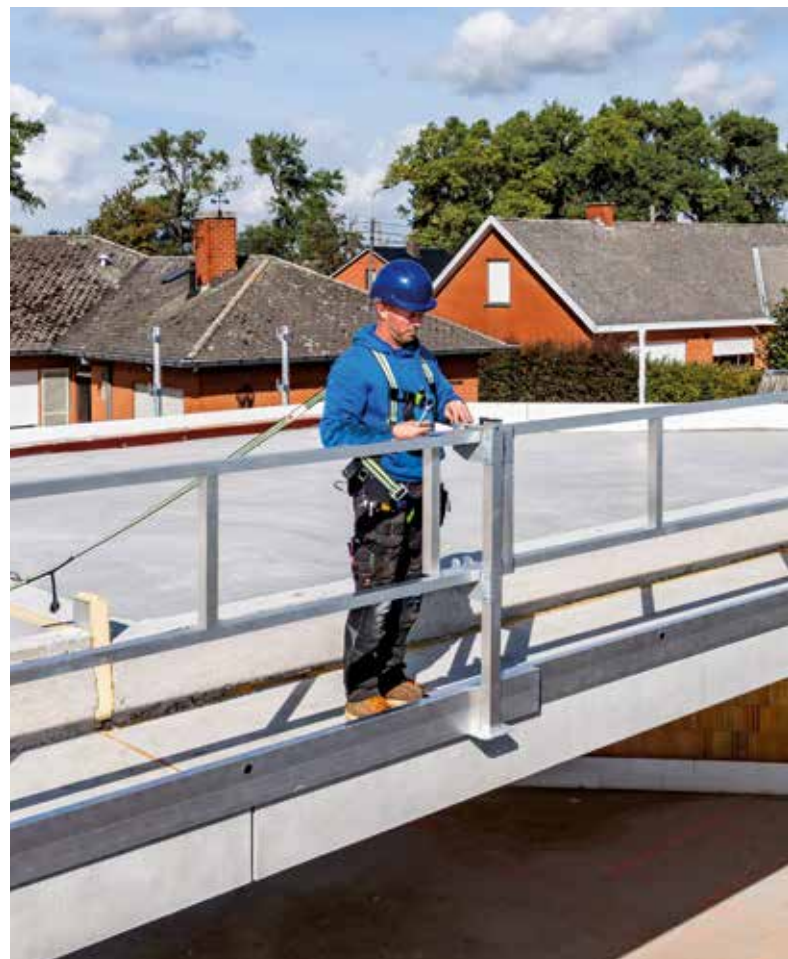
PRE-USE CHECKLIST

ROOFGUARD MAY ONLY BE USED AFTER CONFIRMING THAT:

	All mounting brackets are correctly secured.	☐
	All posts are correctly installed.	☐
	All guardrails are correctly installed.	☐
	All toe-boards are correctly installed.	☐
	No components are damaged or deformed.	☐
	The maximum distance of 4.8 m between posts has been respected.	☐
	The roof pitch does not exceed 10°.	☐
	The lateral load resistance of 441 N per post has been checked.	☐

*Do not use the system if one or more of these requirements have not been met.
Contact a competent person for further assistance.*







MAKE SAFETY SIMPLE WITH ROOFGUARD

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