Modular Railing

Transform your project with a railing system that combines safety, elegant design, and efficient installation.



IN STOCK
Ready to ship

Jakob
Rope Systems

Visual lightness, modular design, and efficient installation

ModularRailing by Jakob Rope Systems is a Swiss-engineered stainless steel railing system featuring infill options in Webnet or vertical cables.

Safety and design go hand in hand. ModularRailing provides reliable, code-compliant protection while preserving the clean lines and unobstructed views that contemporary architecture demands.

ModularRailing – Cables

Pre-tensioned vertical cables create a clean, contemporary linear aesthetic. Factory-installed and tensioned cables eliminate on-site adjustments and ensure consistent performance and visual quality.

Features:

- Pre-tensioned vertical cables with 3 mm rope diameter
- Code-compliant vertical cable orientation
- Extremely light and transparent visual appearance
- Delivered ready for quick installation

ModularRailing – Webnet

The diamond mesh pattern combines timeless versatility with modern engineering. The flexible Webnet stainless steel mesh adapts easily to different architectural geometries while ensuring reliable structural performance.

Features:

- Pre-tensioned diamond mesh for a harmonious, flowing appearance
- Rope diameter: 1.5 mm
- High transparency with minimal visual obstruction
- Code-compliant safety performance
- Delivered ready for quick installation



Why choose ModularRailing?

Swiss quality standards

Manufactured to the high standards of Jakob Rope Systems, every component is made from AISI 316 marine-grade stainless steel. Factory pre-assembly and pre-tensioning minimize on-site variables and ensure consistent quality, durability, and performance.

Installation advantage

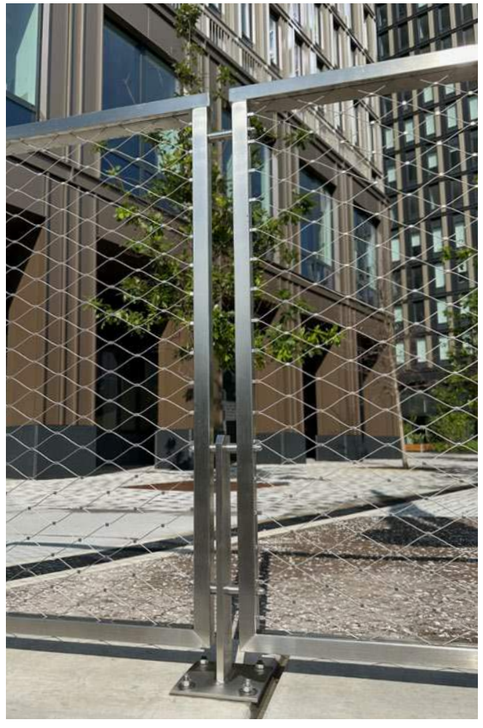
Installation is straightforward: first set the posts, then insert the modular frames. No welding, no specialized tools, and no complex procedures – just a clean, mechanical assembly that saves time on site.

Flexible design options

Select the visual style that fits your project: vertical cables or elegant diamond mesh. Both infill options use the same mounting system and installation process while delivering identical structural performance and code compliance.

On stock, ready to ship

All ModularRailing components are available from stock for fast delivery, ensuring your project can start on time without delays.



Specifications

System features

- Internationally compliant with relevant building codes
- Durable AISI 316 marine-grade stainless steel construction
- Factory pre-tensioned infill elements for consistent quality
- Standard modular frames with 4’ × 42” spacing
- Three post mounting options: fascia mount, top mount, or core-drilled installation
- Optional powder coating in the RAL Classic color palette

Frame construction

- Precision-engineered frame connections
- Clean mechanical assembly system for efficient installation

Visual options

- Vertical cables: 3 mm rope diameter in a clean vertical orientation
- Diamond mesh: Webnet stainless steel mesh with 1.5 mm rope diameter and 60 mm mesh aperture



ModularRailing – Cables.
Also available in black finish.



ModularRailing – Webnet.
Also available in black finish.

One system – Three frame options

With ModularRailing, Jakob Rope Systems demonstrates that advanced engineering can be remarkably simple to implement. All frame profiles – rectangular or round tube – use the same mounting hardware and mechanical assembly system, ensuring uniform installation procedures.

Frame round tube with Webnet

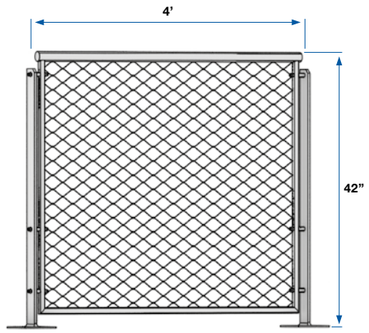
The round tube profile creates a softer, more fluid visual expression. The circular profile emphasizes lightness and transparency, making it particularly suitable for projects where a more subtle and elegant railing appearance is desired.

Frame square tube with Webnet

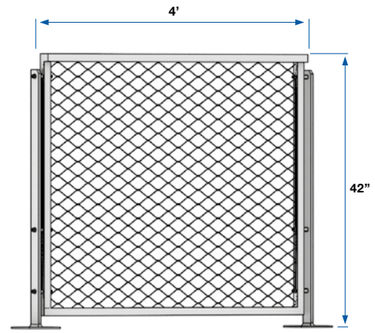
The rectangular tube profile offers a clean, architectural appearance with precise lines and a balanced proportion. Its slim stainless steel profile integrates seamlessly into modern railing designs while maintaining high structural stability.

Frame square tube with Cables

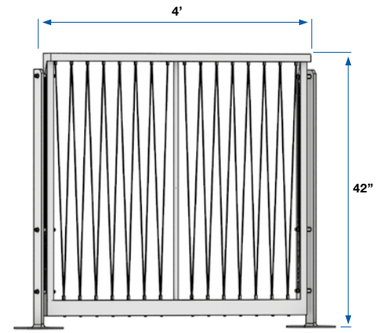
The rectangular tube profile with cables features a refined linear aesthetic. This configuration maximizes transparency and visual lightness while providing reliable fall protection and full code compliance.



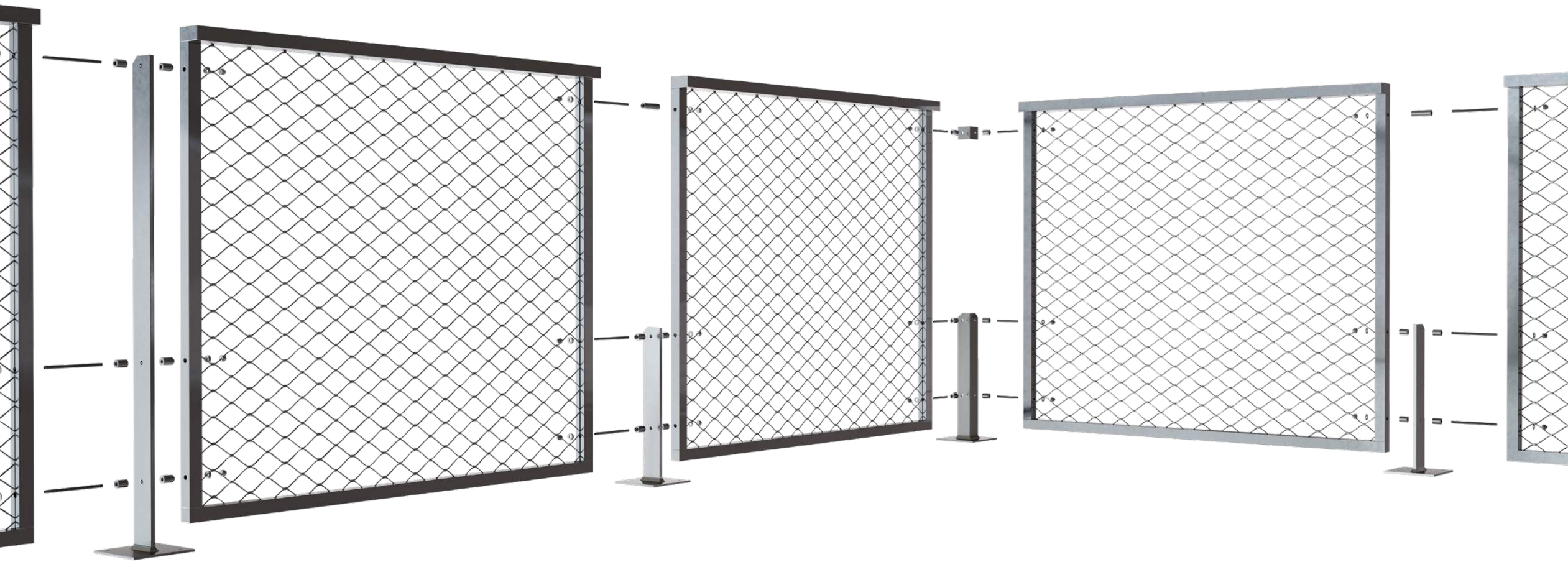
Frame round tube with Webnet



Frame square tube with Webnet



Frame square tube with Cables



Stair railings

The modular system adapts seamlessly to stair angles while preserving a consistent visual flow. Both Webnet and cable options provide reliable, code-compliant fall protection.

Curved installations

Precision-engineered connectors allow smooth transitions along curves. Modular components conform to architectural shapes without compromising structural integrity or visual continuity.

Long runs

The system maintains a continuous, harmonious appearance over extended lengths. Modular design also allows for easy future modifications or maintenance.

Mixed applications

Different mounting methods – fascia mount, top mount, or core drill – can be combined within the same project while keeping the system consistent and cohesive.

Single or double handrail systems

Complete your railing with single or double handrail options. Both integrate seamlessly with all three frame profile types while meeting accessibility and code requirements.

Coating options

The modular system can be optionally finished in colors from the RAL Classic palette, offering additional design flexibility.

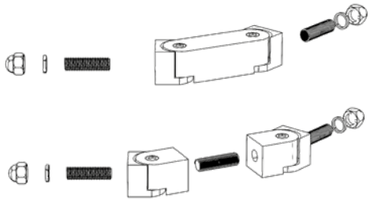


Application with curved installations.

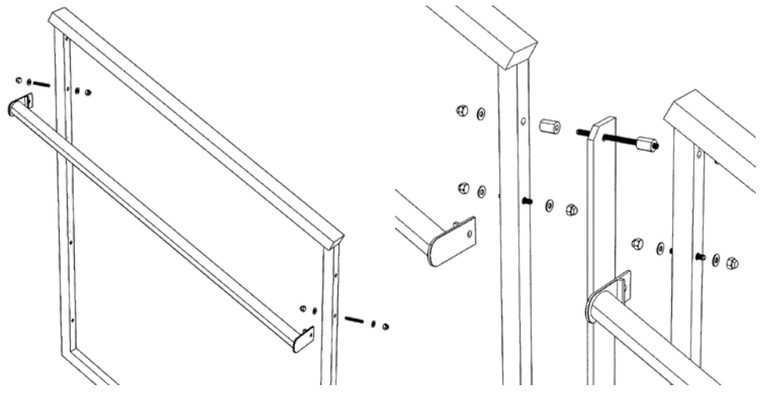


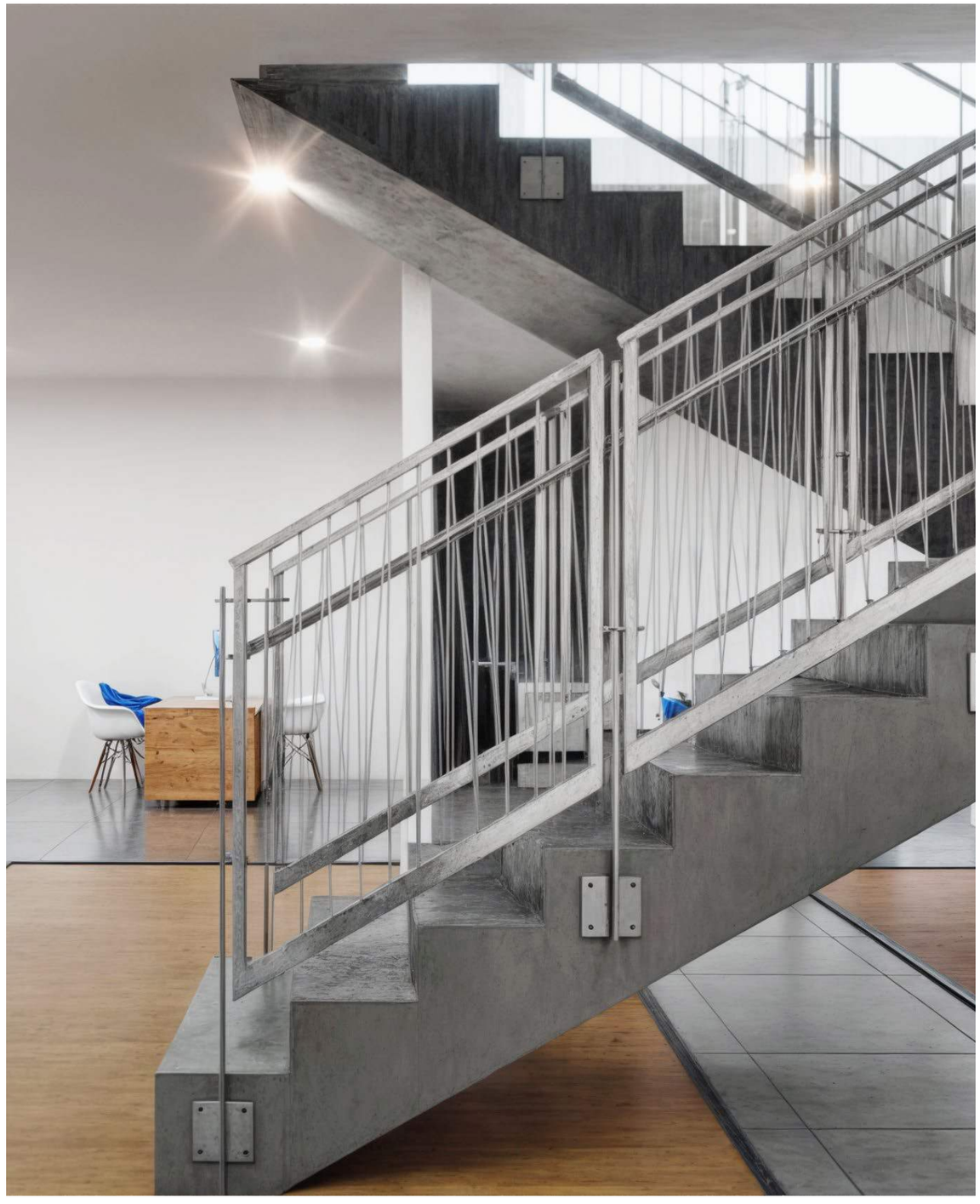
Application with double handrail systems.

Installation drawing:
Connectors enable smooth curved transitions.



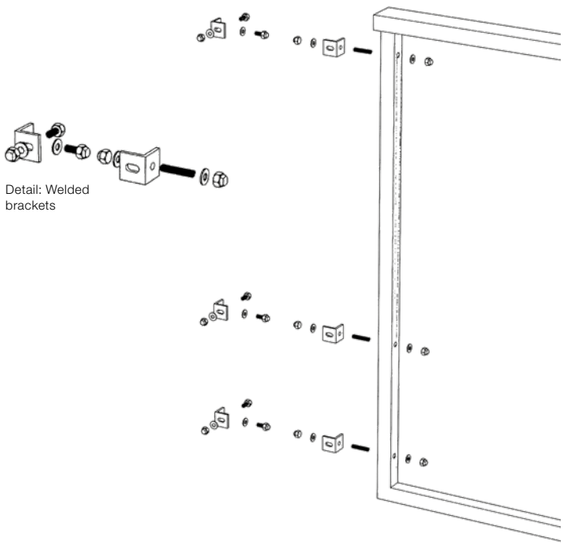
Installation drawing:
Double handrail systems.





Direct wall installation

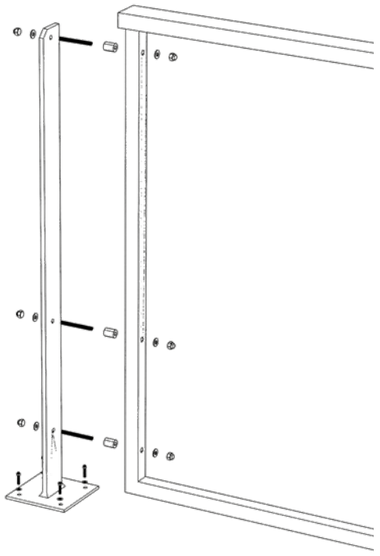
Mounted directly to the wall using custom-fabricated welded brackets. This solution enables a clean, space-efficient installation while maintaining the system's structural performance.



Detail: Welded brackets

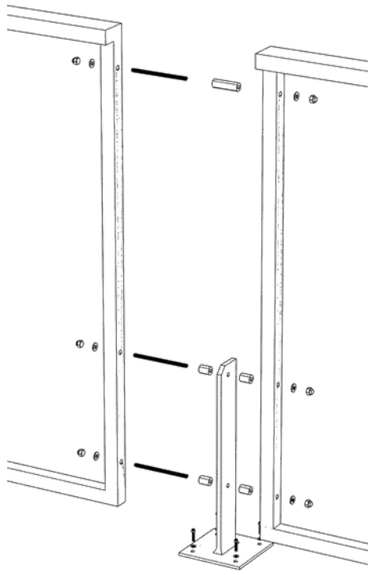
Installation with integrated posts

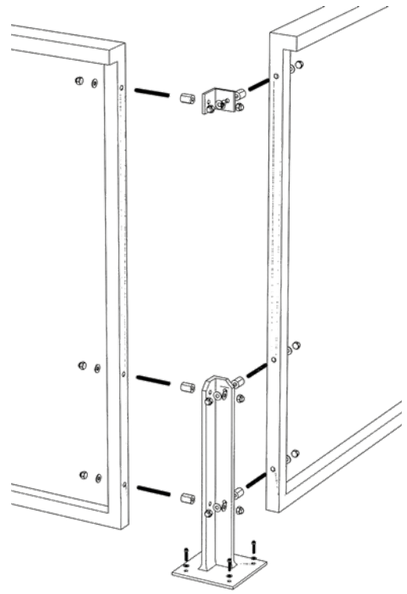
For freestanding applications, the system includes matching stainless steel posts. Precision-engineered hardware ensures a secure mechanical connection between frames and posts, allowing for efficient and accurate installation.



Seamless frame-to-frame connections

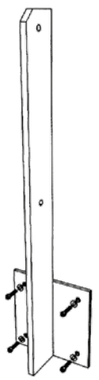
Precision-engineered connectors join frames to create continuous runs. Mechanical fasteners ensure secure connections while maintaining precise visual alignment.





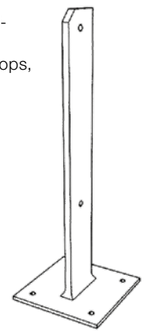
Fascia mount

Posts attach to the face of the structure using side-mount brackets. Ideal for slab edges, facades, and existing structural elements.



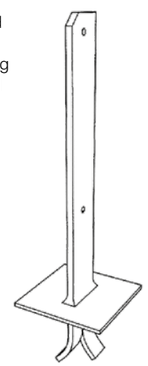
Top mount

Posts anchor directly to horizontal surfaces using base plates. Ideal for decks, rooftops, and flat structural surfaces.

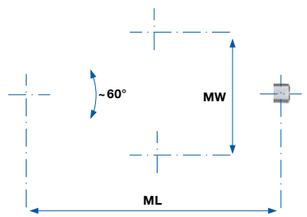


Core drill

Posts are inserted into drilled holes for a clean, permanent installation. Providing a strong connection for high-load and exposedapplications.



Features frame filling with Webnet



Standard mesh angle ~60°
MW = Mesh aperture 2 38”
ML = Mesh length 4”



Rope diameter 1.5 mm
Rope construction
6 × 7 + WC

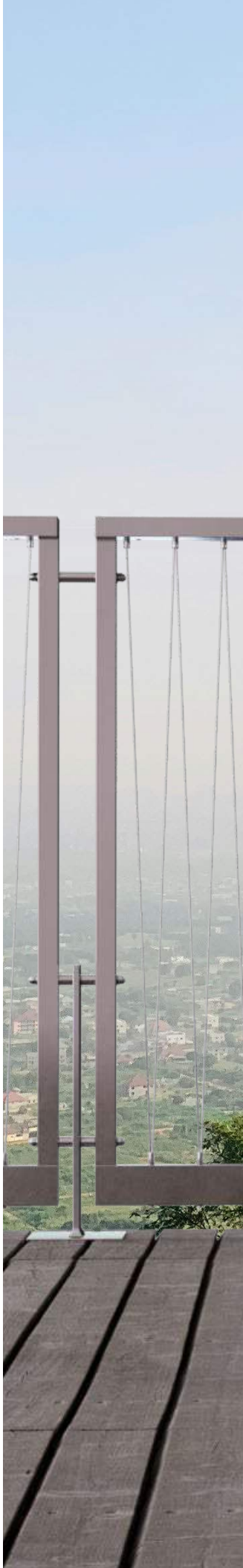
Features frame filling with Cables



Rope diameter 3 mm
Rope construction
6 × 19 + WC

Scan to download installation manual.

Modular Railing



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