2019 Modular Aluminum Guardrail Systems

KATTSafe

Product Focus and Technical Information
KATTSAFE modular aluminum guardrail systems provide permanent fall protection around various fall hazards.

**Modular System**
KATTSAFE modular guardrail system components are fabricated in modular sections. This allows for construction of endless guardrail configurations to suit specific site requirements. Components are robotically welded for a precision perfect finish.

**Minimum Lead Time**
KATTSAFE modular components are kept in stock, ready to ship. The components for your guardrail kits are packaged together, and can typically be dispatched within 1-2 days or as required.

**Easy Delivery**
The lightweight components are delivered as a flatpack kit, which ensures easier handling and significant savings on freight costs. Depending on the size of the guardrail system, the components can be possibly man handled to the required location or crane lifted once at destination.

**On Site Assembly**
Each guardrail system is provided with necessary hardware. Wall attachment hardware (if applicable) is also available on request. With the fact that the systems are aluminum, rails and posts can be easily cut on-site if required with basic tools to suit exact site requirements.

**Appearance**
Continuous top and mid rail design results in clean aesthetics. KATTSAFE Guardrail Systems typically blend in with the building and can be custom colored if required.

**OSHA Compliant**
KATTSAFE products and systems are designed and manufactured to meet and exceed OSHA and ANSI regulations as applicable.

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**KATTSAFE Guardrail Series**

**GR31** Internal Wall Mount Guardrail

**GR32** Metal Roof Mount Guardrail

**GR33** External Roof Mount Guardrail

**GR34** Non-Penetrating Guardrail
KATTSAFE Principle

Continuous Rail, Improved Aesthetics
Stainless Steel Hardware
High Tensile Aluminum

Adjustable Elbows
Allows for Endless Configurations

Base Option

GR31/33
GR32
GR34
The KATTSAFE GR31 Internal Wall Mount Guardrail provides the highest level of passive safety for internal wall mounted applications. KATTSAFE GR31 posts are positioned a maximum of 8ft on center. This system is sold in kit form to ensure all components are included for a seamless installation. Roof guardrail systems can be purchased by simply selecting the kit length(s) required, the number of corner kits, wall termination kits and ladder connection hardware kits. KATTSAFE GR31 guardrail is simple and quick to install. This system can be easily customized on-site to suit specific site requirements.

### Applications
- Fall protection around roof perimeter
- Protection around rooftop equipment and machinery, and other unprotected fall edges

### Features
- Manufactured of high tensile aluminum (except weighted base)
- Modular system facilitates infinite configurations
- Toe-board option available
- Can be easily customized on site to suit application
- Lightweight for easy handling
- OSHA compliant
- Mill finish and safety yellow systems in stock and ready to ship
- Custom colors available
The KATTSAFE GR32 Metal Roof Mount Guardrail is designed for metal roofs including R panel and standing seam systems. The KATTSAFE GR32 system can either be fastened down with self-sealing rivets to the metal deck or with non-penetrating clamps to suit the standing seam profile.

Applications
- Fall protection around roof perimeter
- Protection around rooftop equipment and machinery, and other unprotected fall edges

Features
- Manufactured of high tensile aluminum (except weighted base)
- Modular system facilitates infinite configurations
- Toe-board option available
- Can be easily customized on site to suit application
- Lightweight for easy handling
- OSHA compliant
- Mill finish and safety yellow systems in stock and ready to ship
- Custom colors available

IN STOCK
The KATTSAFE GR33 External Roof Mount Guardrail provides the highest level of passive safety for external mounted applications. KATTSAFE GR33 posts are positioned a maximum of 8ft on center. This system is sold in kit form to ensure all components are included for a seamless installation. Roof guardrail systems can be purchased by simply selecting the kit length(s) required, number of corner kits, wall termination kits, and ladder connection hardware kits. KATTSAFE GR33 guardrail is simple and quick to install. This system can be easily customized on-site to suit specific site requirements.

**Applications**
- Fall protection around roof perimeter
- Protection around rooftop equipment and machinery, and other unprotected fall edges

**Features**
- Manufactured of high tensile aluminum (except weighted base)
- Modular system facilitates infinite configurations
- Toe-board option available
- Can be easily customized on site to suit application
- Lightweight for easy handling
- OSHA compliant
- Mill finish and safety yellow systems in stock and ready to ship
- Custom colors available

IN STOCK
The KATTSAFE GR34 Non-Penetrating Guardrail system provides the highest level of passive safety for membrane and built up roof systems. The KATTSAFE GR34 guardrail features a plastic coated steel weighted base that sits up top of the roofing membrane resulting in a completely freestanding system that is OSHA compliant. KATTSAFE GR34 bases and posts are positioned a maximum 10 ft on center. This system is sold in kit form to ensure all components are included for seamless installation. Roof guardrail systems can be purchased by simply selecting the kit length(s) required, the number of corner kits, return kits, wall termination kits and ladder connection hardware kits. KATTSAFE GR34 guardrail is simple and quick to install. This system can be easily customized on-site to suit specific site requirements.

**Applications**
- Fall protection around roof perimeter
- Protection around rooftop equipment and machinery, and other unprotected fall edges

**Features**
- Manufactured of high tensile aluminum (except weighted base)
- Modular system facilitates infinite configurations
- Toe-board option available
- Can be easily customized on site to suit application
- Lightweight for easy handling
- OSHA compliant
- Mill finish and safety yellow systems in stock and ready to ship
- Custom colors available

**IN STOCK**
KATTSAFE Specifications

MATERIAL
*Post assembly and rails* - Profiled high tensile 6106-T6 aluminum. Mill finish as standard.
*End caps and elbows* - Die cast aluminum.
*Weighted base* - Steel plate with plastic coating. Weight 96lbs.
*Hardware* - All hardware is stainless steel.

DIMENSIONS
*Top rail* - Aluminum 6106-T6 2” round handrail mounted in accordance with standards. Optimum is 42 in above the walking surface.
*Mid rail* - Aluminum 6106-T6 1-5/8” round kneerail tube mounted in accordance with standards. Distance between top rail/mid rail and mid rail/walking surface cannot exceed 19”.
*Post* - Aluminum 6106-T6 2-1/4” x 1-1/2” x 1/8” tube.
*Toe-Board* - Aluminum 6005-T5 4.25” x 1” x 3/32” channel.
*Weighted Base* - 23” x 23” x 5/8” plastic coated steel base.

COMPLIANCE
The KATTSAFE modular guardrails are designed and manufactured to meet and exceed OSHA and ANSI regulations.

LAYOUT AND INSTALLATION
A 90 degree return kit is required at the start and stop of any GR34 freestanding guardrail system regardless of length. This is typically 5ft in length. This geometry ensures the system meets the loads required.

POST SPACING
- *KATTSAFE GR31* - 8ft o.c. maximum
- *KATTSAFE GR32* - 8ft o.c. maximum
- *KATTSAFE GR33* - 8 ft oc. maximum
- *KATTSAFE GR34* - 10ft o.c. maximum

PRODUCT WARRANTY
10 years from date of installation, subject to correct installation, use and maintenance in accordance with manufacturer’s specifications and recommendations with the exception of the weighted bases which have a warranty of 2 years.
## OSHA Compliance Checklist

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<thead>
<tr>
<th>Weight</th>
<th>Height</th>
<th>Max Opening Distance</th>
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<tbody>
<tr>
<td>200 lbs at any point on the top rail. 150 lbs at any point on the mid rail.</td>
<td>The top edge height of top rails are 42”, plus or minus 3” above the walking-working surface.</td>
<td>No opening that is 19” or greater.</td>
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KATTSAFE Enquiry

Please contact us on the toll free number below to discuss your KATTSAFE requirements.

You can also visit our website to...
• View further information
• View and download brochures
• Request a quote for the ladder you require

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