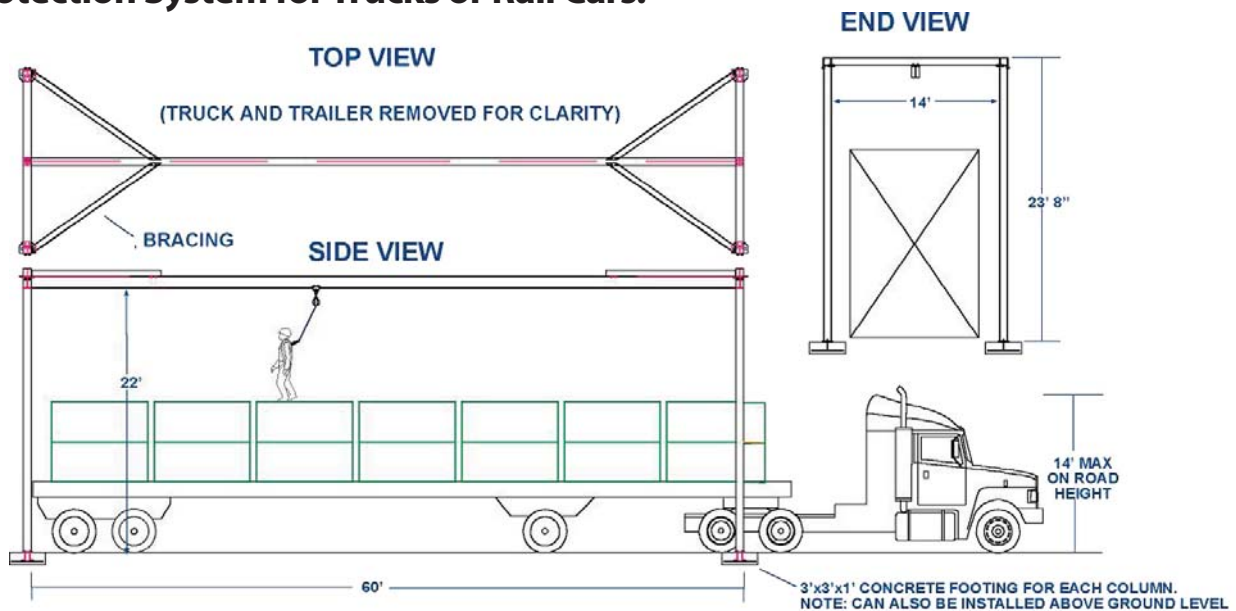


# HORIZONTAL LIFELINE

## Spanguard Horizontal Lifeline System for Trucks or Rail Cars.



## Free Standing Beam and Trolley Fall Protection System for Trucks or Rail Cars.



### REMEMBER:

The anchorage point for fall arrest systems must be capable of supporting 5000lbs, with the exception of certified Anchorage Systems.

# NORGUARD EAGLE™ HORIZONTAL LIFELINES

## The Norguard Eagle™ Horizontal-Lifeline System

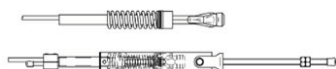
### Innovative endlock, modern energy absorber

With integrated energy absorber, constant spring bias and fall indicator clamp

- ✓ Simple checking of all components
- ✓ Constant Cable Tension
- ✓ Integrated energy absorber
- ✓ Integrated Fall Indicator Clamp



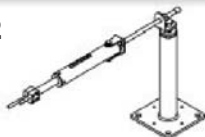
NE-401



#### Endlock set with integrated energy absorber

- Constant spring bias and fall indicator clamp
- Complete for the length of one cable

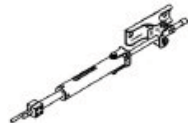
NE-402



#### Endlock fastening

- For assembly on post
- Fastening M16

NE-403

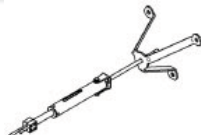


#### Endlock fastening

- For cladding
- Fastening: M16



NE-404



#### Endlock fastening

- For cladding
- Fastening: 3 x c 14 mm

NE-405



#### Endlock fastening

- To unbend both corner Endlocks (90°)



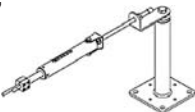
NE-406



#### Endlock fastening

- To unbend the cable system in the straight system

NE-407



#### Endlock fastening

- To unbend the system to installed posts M16

**Material:** Stainless Steel



#### WARNING:

Do not attempt to alter any fall protection equipment under any circumstance, contact your equipment manufacturer




# NORGUARD EAGLE™ HORIZONTAL LIFELINES

## Optimal flexibility of the Attachment Points and Intermediate Brackets

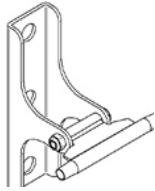
### Norguard Eagle™ Intermediate Brackets

**NE-409** *Intermediate bracket*



- For assembly on post
- Fastening M16
- Functional area: 220°


**NE-410** *Intermediate bracket*



- For cladding
- Fastening M16
- Functional area: 220°

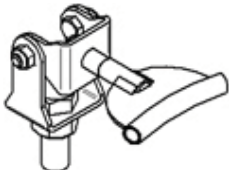
### Norguard Eagle™ Corner Units

**NE-411** *Corner Unit*




- Can be passed by: inside, outside or overhead

**NE-412** *Intermediate bracket curved*



For assembling on a 45° corner, each 90° corner has 2 pieces NECC-002 necessary

**NE-413** *Corner unit for cladding*

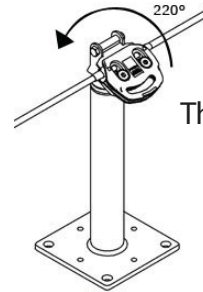


- Can be passed by: inside, outside or overhead

### Norguard Eagle™ Traveller

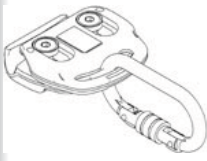
Travellers to pass the intermediate brackets and curves, can be attached and removed at any arbitrary spot in the system

- ✓ Simple handling
- ✓ Different types available for passing the intermediate brackets
- ✓ Licensed retractable type fall arrester also rotates on both sides of the lifeline system



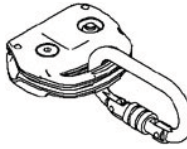
The flexibility of the intermediate brackets allow you to walk on both sides of the system.

**NE-414** *Traveller*



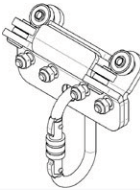
- To pass the intermediate brackets and curves
- Can be mounted and removed at any arbitrary point in the system

**NE-415** *Traveller*



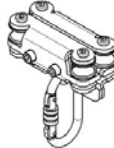
- To pass the intermediate brackets and curves
- The Traveller is fix attached at the cable by a technical expert, not removable

**NE-416** *Traveller*



- Overhead-roll-type eyebolt not for curves, not removable
- To pass the intermediate brackets at overhead systems

**NE-417** *Traveller*



- Overhead-corner-roll Traveller
- To pass the intermediate brackets and curves at overhead systems

**Material:** Stainless Steel

# NORGUARD EAGLE™ HORIZONTAL LIFELINES

## Norguard Eagle™ Docks

- ✓ Self-drilling screws for fast assembling
- ✓ End- and intermediate unit for the Norguard Eagle™ Lifeline System



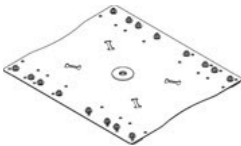
## Norguard Eagle™ Posts

- ✓ High basic stability of 5kN
- ✓ Enormous load capacity of 35kN
- ✓ Low force inlet in the substructure



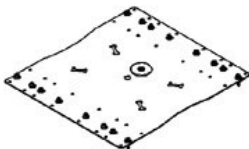
**NE-418**

8 rows of 4 holes for installing 16 self-taping-screws



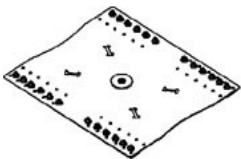
**NE-419**

8 rows of 4 holes for installing 16 self-taping-screws



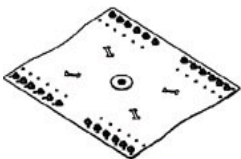
**NE-420**

8 rows of 6 holes for installing 24 self-taping-screws



**NE-421**

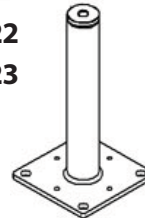
8 rows of 6 holes for installing 24 self-taping-screws



**NE-422**

**NE-423**

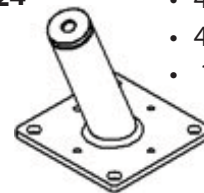
- 4 fastening drills 15 mm Ø
- 4 fastening drills M10 for BEF 203
- 150 x 150 x 8 mm



*Different heights of posts available*

**NE-424**

- 4 fastening drills 15 mm Ø
- 4 fastening drills M10 for BEF 203
- 150 x 150 x 8mm

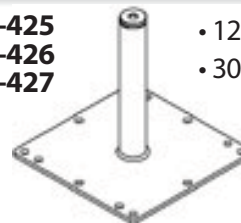


*For steep roofs different heights of posts available*

**NE-425**

**NE-426**  
**NE-427**

- 12 fastening drills, 15 mm Ø
- 300 x 300 x 8mm

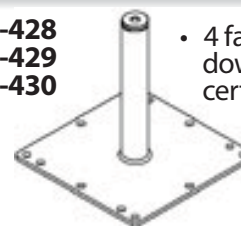


*Different heights of posts available*

**NE-428**

**NE-429**  
**NE-430**

- 4 fastening drills for counter sunk dowel to make the caulking of certain applications easier



*Different heights of posts available*



**NOTE:**

Specific application and usage will determine the types of anchorages needed



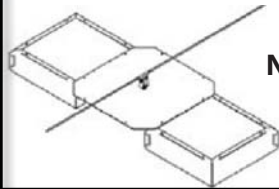
# NORGUARD EAGLE™ HORIZONTAL LIFELINE

## Norguard Eagle™



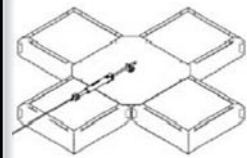
### Without Roof Perforation

- ✓ Variable dead weight anchor without roof perforation
- ✓ Fast and simple assembly



**NE-431**

- For installation of the Norguard Eagle™ Lifeline System
- Suited for intermediate brackets
- Fill with concrete slab (6 x 50/50/5 cm, 6 x 49/49/5 or 8 x 50/50/3,8 cm)



**NE-432**

- For installation of the Norguard Eagle™ Lifeline System
- Suited for end- and corner units
- Fill with concrete slab (12 x 50/50/5, 12 x 49/49/5 or 16 x 50/50/3,8)

MODEL	DESCRIPTION	SPECIFICATIONS	SIZE	MATERIAL
NE-418	Attachment point for steel cover sheet	min. 0.6mm	360 x 415 x 2mm	Stainless Steel
NE-419	Attachment point for steel cover sheet	min. 0.6mm	430 x 389 x 2mm	Stainless Steel
NE-420	Attachment point for outer covering structure	min. 0.6mm	360 x 415 x 2mm	Stainless Steel
NE-421	Standard post 48 mm Ø	load of 35kN	post: 300mm high	Zinc Plated
NE-422	Standard post 48 mm Ø	load of 35kN	post: 400mm high	Zinc Plated
NE-423	Standard post 48 mm Ø	load of 35kN	post: 500mm high	Zinc Plated
NE-424	Steep roof post 48 mm Ø, 68°	load of 35kN	post: 340 mm high	Zinc Plated
NE-425	Standard post 48 mm Ø	load of 35kN	post: 300mm high	Zinc Plated
NE-426	Standard post 48 mm Ø	load of 35kN	post: 400mm high	Zinc Plated
NE-427	Standard post 48 mm Ø	load of 35kN	post: 500mm high	Zinc Plated
NE-428	Standard post 48 mm Ø	load of 35kN	post: 300mm	Zinc Plated
NE-429	Standard post 48 mm Ø	load of 35kN	post: 400mm	Zinc Plated
NE-430	Standard post 48 mm Ø	load of 35kN	post: 500mm	Zinc Plated
NE-431	Deadweight Anchor incl. attachment point	deadweight approx. 396lbs	1675 x 586 mm	Stainless Steel
NE-432	Deadweight Anchor incl. attachment point	deadweight approx. 770lbs	1675 x 1675 mm	Stainless Steel

# NORGUARD EAGLE™ HORIZONTAL LIFELINE



- ✓ Single attachment point without roof perforation
- ✓ Suitable for standing seam and industrial metal sheet roofs
- ✓ Fast assembly because of clamping

## NE-433

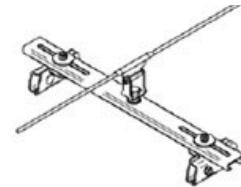
- Intermediate bracket
- Standing seam roof: alu, copper, tita zinc, stainless steel, steel/zinc

## NE-434

- Industrial metal sheets

## NE-435

- Industrial metal sheets



**Material:** Stainless Steel

## NE-436 End Bracket

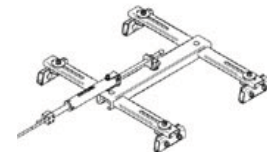
- Max. 640mm web width
- Standing seam roof: alu, copper, tita zinc, stainless steel, steel/zinc

## NE-437 End Bracket

- Industrial metal sheets

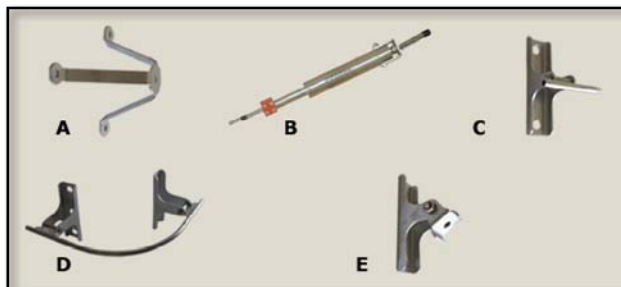
## NE-438 End Bracket

- Industrial metal sheets



**Material:** Stainless Steel

## Norguard Eagle™ Tie-In System Components



- |           |               |   |
|-----------|---------------|---|
| <b>A:</b> | <b>NE-439</b> | Endlock fastening type B                |
| <b>B:</b> | <b>NE-440</b> | Endlock with integrated energy absorber |
| <b>C:</b> | <b>NE-441</b> | Intermediate bracket                    |
| <b>D:</b> | <b>NE-442</b> | Intermediate bracket                    |
| <b>E:</b> | <b>NE-443</b> | Endlock fastening Type A                |

## Temporary Horizontal Lifeline Systems

### NHLLK65—65ft Temporary Horizontal Lifeline Kit



- Rope Material: 5/8" Nylon rope
- Maximum Span Length: 65ft (19.8m)
- Capacity: Two users, 310lbs each including tools and equipment
- Minimum End Anchorage Strength: 5000lbs (22.2 kN)
- Maximum Free Fall: 6ft (1.8m) or less

#### KIT CONTAINS THE FOLLOWING ITEMS:

- Rope, rope tensioner, Carabiner, Snap Hook, 2 O-rings in a storage pail
- Custom lengths available upon request, maximum 65ft lengths

# NORGUARD EAGLE™ HORIZONTAL LIFELINE



Designed for easy entry and exit, the travellers are engineered to transfer through intermediate brackets smoothly without hang ups.

Norguard Eagle™ Horizontal Lifelines are constructed to meet your needs. The travellers are designed to move up, down and around curved sections to allow for seamless movement around obstacles avoiding the burden of having to detach.



Floor, side or overhead installation can be used in conjunction with other fall protection equipment such as SRLs, rope, rope grabs and lanyards.



**REMEMBER:**

Every worker must be protected from falls into or onto equipment regardless of height!