NEXT-GENERATION BASE PLATES: XSBASE PLATE, XSMD AND XTRUSION

ADDITIONAL SALES INFORMATION

XSPlatforms®

IMPERIAL VERSION

ROOF SYSTEMS

OUR ROOF BASE PLATES

With our modular system, you can easily install fall protection on most roof types using one of just three different bases: XSBase plate, XSMD or XTrusion. The application of the base plates is outlined in the matrix below. All the components in our range are compatible with these three base plates, so that you can create a single anchor point or a horizontal lifeline on almost every roof surface.

XSBASE PLATE

XSMD

XTRUSION

Installable on / Base plates	**Concrete** min. 140 mm	**Hollow concrete**	**Cellular Concrete** min. 100 mm	**Plywood** min. 12 mm	**Plywood** min. 18 mm	**Trapezoidal steel roof** min. 0.6 mm *with insulation*	**Trapezoidal steel roof** min. 0.6 mm *without insulation*	**Trapezoidal steel roof** Steel min. 0,5 mm	**Sandwich panels** (Top layer)	**Trapezoidal steel roof** min. 0.6 mm *without insulation*	**Standing round seam** Aluminium min. 0.9 mm
XSBase plate	✓	✓	✓	✓	✓*	✓	✓				
XSMD								✓	✓		
XTrusion								✓		✓	✓

** Install with XSBase plate Xtra*
Note : Installation on 18 mm plywood does no longer requires XSBase plate XTra.

SIMPLICITY DEFINES QUALITY

We believe that a fall protection solution does not have to be complicated. The new generation of XSMD and XTrusion base plates prove that for us, simplicity defines quality.

Our range of fall protection solutions for roofs consists of three base plates and a number of additional components. Our base plates can be combined with most of these components, thanks to the new XSConnector.

With our modular fall protection solutions, you can combine standard components to create a suitable solution based on your project's requirements and the desired specifications.

XSCONNECTOR SETS :

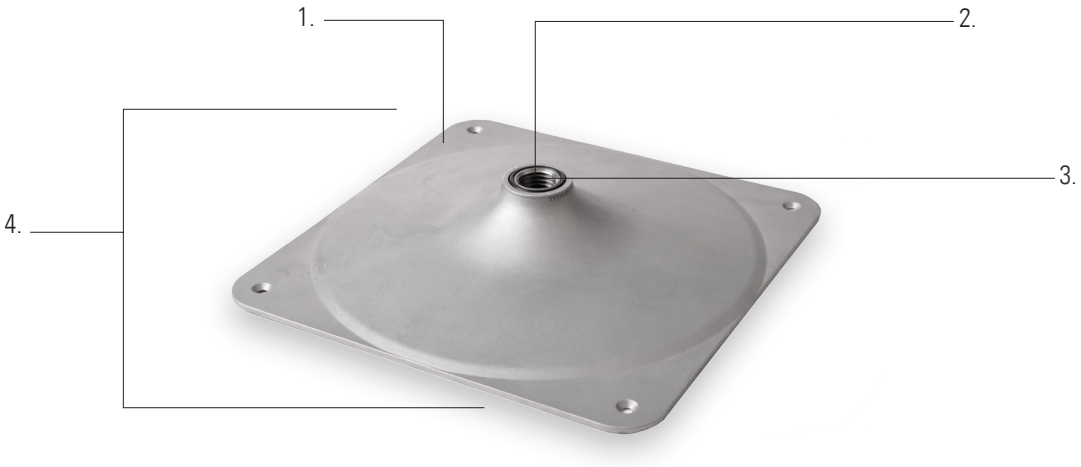
The XSConnector was designed to easily connect the three base plates to the other components.

A single part, made of stainless steel, that ensures compatibility with most roof components within our product range.

THE XSBASE PLATE

FEATURES OF THE XSBASE PLATE:

1. Aluminum anodized plate.
2. M30 top thread for compatibility with different options for single anchor points or horizontal lifelines, such as XSBending kit.
3. Installs with only one anchor, for quick installation and minimum roof penetration.
4. The base design makes the XSBase plate strong and durable. The base is also available with PVC coating



AVAILABLE XSBASE PLATES

XSBase plate: This type of XSBase plate is used on roofing materials that are not coated with PVC.
XSBase plate PVC coated: This type of XSBase plate is used on roofs that are PVC- coated.
The PVC coating on the plate allows for easy and quick waterproofing of the entire connection.

XSBase plate coated

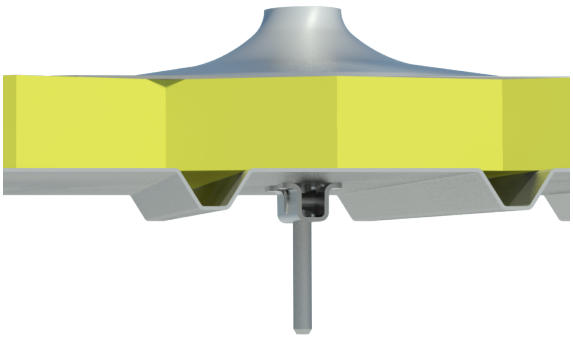
Required for installation

XSMechanical anchor
(For installation on concrete and hollow concrete roofs)

XSToggle anchor M10/M12
(For installation on cellular concrete, plywood, or trapezoidal steel roofs)

Extremity corner fixation screws
(For installation on trapezoidal steel roofs)

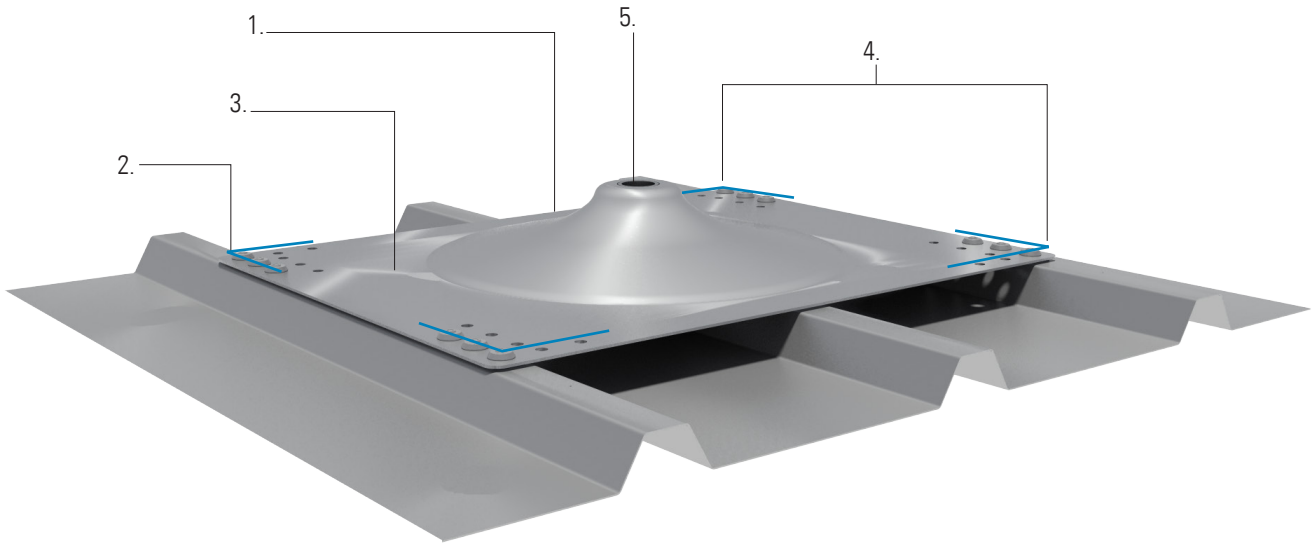
XSBase plate Xtra (12 mm / 1/2")
(For installation on plywood of 12 mm / 1/2")



NEXT-GENERATION XSMD

NEW FEATURES OF THE XSMD:

1. Now made from steel instead of aluminum.
2. Improved hole pattern allows the XSMD to line up with most rib distances of trapezoidal roof profiles.
3. The cone-shaped plate has more strength, also in the corners of a horizontal lifeline system.
4. Installation with a maximum of 12, instead of 24 bulb-tite rivets (50% quicker installation).
5. M30 top thread for compatibility with different options for single anchor points or horizontal lifelines, such as XSBending kit.

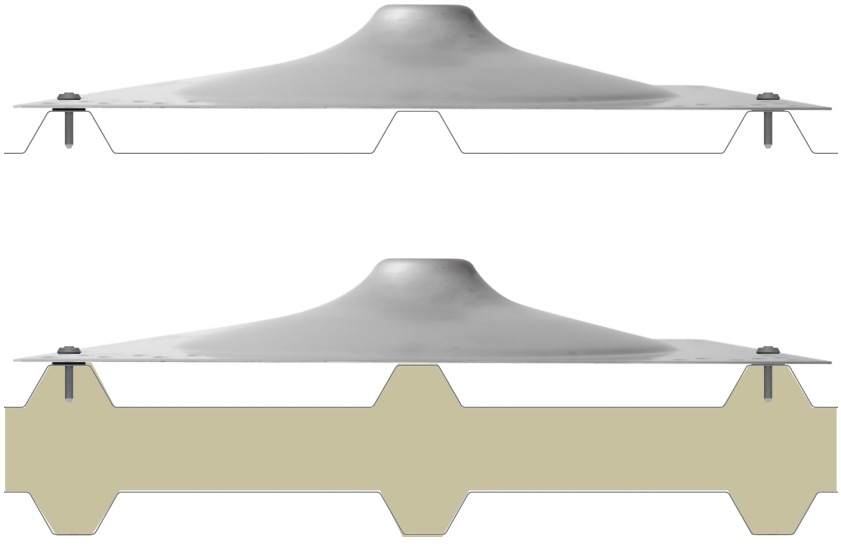


AVAILABLE SIZES

XSMD 400: for rib distances of 300 mm, 333 mm and 400 mm / $11^{13/16}$", $13^{1/8}$" and $15^{3/4}$".
XSMD 500: for rib distances of 375 mm, 450 mm and 500 mm / $14^{3/4}$", $17^{3/4}$" and $19^{11/16}$".

Required for installation:

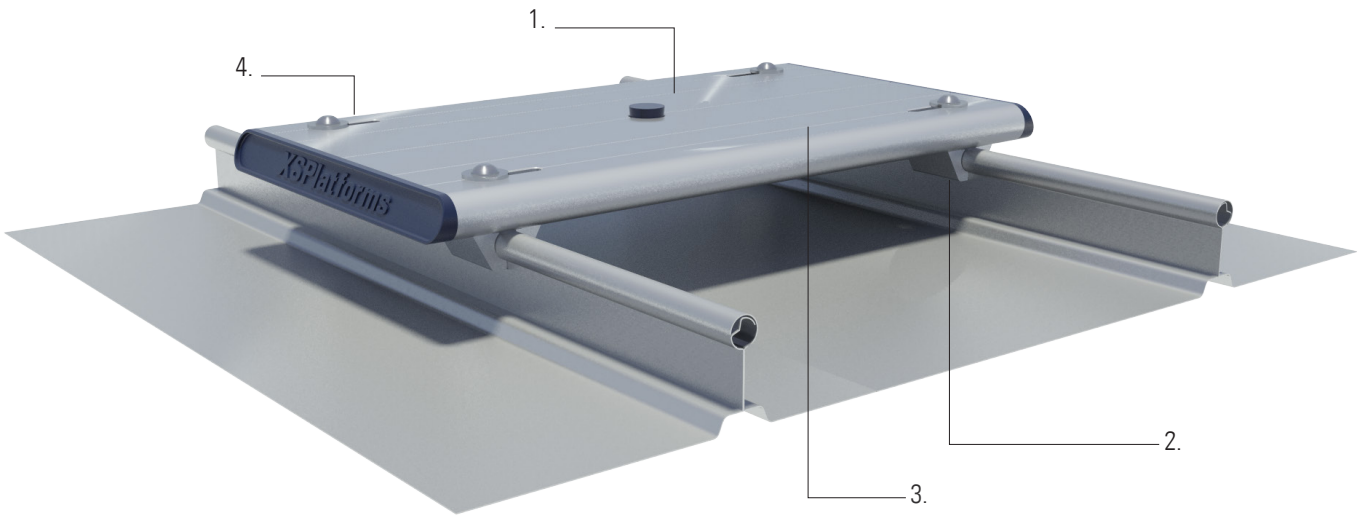
- 8 mm drill bit
- Gesipa nozzle (nose piece) type 17/48 BT



NEXT-GENERATION XTRUSION

NEW FEATURES OF THE XTRUSION:

1. Flat extrusion profile, which can easily be installed from above with a single action.
2. Custom clamps for 3 roof types: round seam, double fold seam and trapezoidal profiles.
3. Aluminum anodized profile.
4. Slotted installation holes for installation on various rib distances.



AVAILABLE SIZES

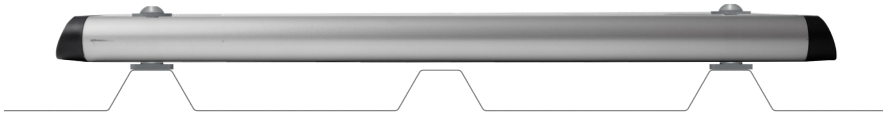
XTrusion base 450: for seam widths from 300 to 360 mm / 1 ft 1 13/16″ till 1 ft 2 3/16″
XTrusion base 550: for seam widths from 360 to 460 mm / 1 ft 2 3/16″ till 1 ft 6 1/8″
XTrusion base 600: for seam widths from 460 to 510 mm / 1 ft 6 1/8″ till 1 ft 8 5/64″
XTrusion base 700: for seam widths from 700 to 510 mm / 1 ft 8 1/16″ till 2 ft 1/64″

AVAILABLE CLAMPS

Fix kit for round seam roof profiles

Fix kit for double fold seam roof profiles

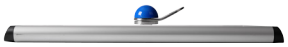
Build-up-on-site kit for trapezoidal steel deck roofs



SINGLE ANCHOR POINT OPTIONS

XSBase plate with XSGlobe

XSMD with XSGlobe



XTrusion with XSGlobe

XSBase plate with RAP Globe

◀ An anchor point for work positioning on sloped roofs with a max. angle of 15°.

(Note: The RAP Globe can only be used on concrete roof material).

▲ Options for single anchor points or for temporary horizontal lifelines.

HORIZONTAL LIFELINE OPTIONS (XSLINKED)

XSBase plate with XSBending kit Pro

XSBase plate with XSConnector, Spacer 30 and XSDynamic

XSBase plate with XSBending kit Pro and XSDynamic

XSMD with XSBending kit Pro

XSMD with XSConnector, Spacer 30 and XSDynamic

XSMD with XSBending kit Pro and XSDynamic

XTrusion with XSBending kit Pro

XTrusion with XSConnector, Spacer 30 and XSDynamic

XTrusion with XSBending kit Pro and XSDynamic

▲ XSBending kit provides absorption - it lowers the load on the roof if a fall occurs.

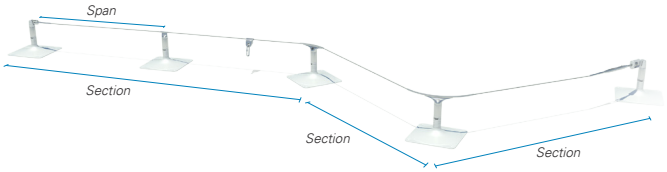
▲ XSDynamic provides absorption - it lowers the load on the roof if a fall occurs.

▲ XSBending kit in combination with the XSDynamic provides maximum absorption - it lowers the load on the roof if a fall occurs.

SPAN, CLEARANCES AND LOAD CALCULATIONS: HOW TO READ THE TABLES

The tables on the next page outline the system performance based on the three different fall arrest combinations

Maximum span in meters: This is the maximum distance between the anchor points, per section. A section is a part of a horizontal lifeline system between a start and an end point, or between a start and a corner post (for example, an "L" shaped system will consist of two sections). If you install a system with multiple corners, check the maximum span, maximum clearance and maximum anchor load per section. This way, you can propose a system without making a complex ODIN calculation.



Required clearance in meters: The minimum required distance between the working level (for example the roof) and the lower level (the ground or another obstruction) for a safe fall.

Important: *all clearances and load calculations are based on the assumption that a fall arrest system is placed 2 m / 6.5 ft from the roof edge, with use of a lanyard of 2 m / 6.5 ft long. If a longer lanyard is used or if the system is placed closer to the roof edge, ODIN calculation is required.*

Example of a project specification:

- ✔ Trapezoidal steel deck, thickness 0.6 mm
- ✔ 2 users
- ✔ Roof height: 7.0 m / 23 ft.
- ✔ One line system of 77 m / 252.5 ft.

1. Check the red cells in the tables below to compare the possible options:

- Roof anchor: XTrusion or XSMD.
- Fall Arrest options: roof anchor + XSBending kit or roof anchor + Spacer 30 + XSDynamic.

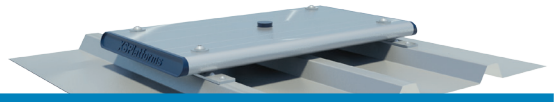
2. Check the required clearances per option:

- XTrusion with XSBending kit: the user needs a minimum clearance of 6.4 m / 21 ft.
- XSMD with XSBending kit: the user needs a minimum clearance of 6.4 m / 21 ft.
- XTrusion with Spacer 30 + XSDynamic: the user needs a minimum clearance of 7.6 m / 25 ft.
- XSMD with Spacer 30 + XSDynamic: the user needs a minimum clearance of 7.6 m / 25 ft.

3. When comparing the roof height with the required clearance, you can conclude that the only possible option is to install XSMD with XSBending kit using 12 bulb-tite rivets.

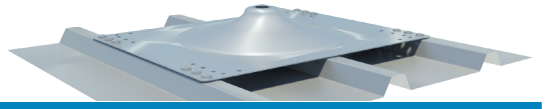
The max. span between anchor posts is 12 m / 39 ft. The roof height is 7 m / 22 ft and the clearance is 6.4 m / 21 ft. In this case the user will not hit the ground in case of a fall (with all other options, he will).

XTRUSION ON TRAPEZOIDAL STEEL DECK - 24 GAUGE INSTALLED WITH BUILD-UP-ON-SITE KIT AND 16 BULB-TITE RIVETS 1 TO 3 USERS



	MAX. SPAN IN FT/IN PER SECTION								REQ. CLEARANCE IN FT/IN							
Type of the absorber /no.of users	XSBending kit		XSBending kit + XSDynamic			XSDynamic			XSBending kit		XSBending kit + XSDynamic			XSDynamic		
Per section	1	2	1	2	3	1	2	3	1	2	1	2	3	1	2	3
L ≤ 78' 8.75''	39' 4''	39' 4''	N/A	39' 4''	39' 4''	39' 4''	39' 4''	39' 4''	17' 4.5"	19' 4.25''	N/A	25' 3''	26' 2.75''	18' 8.25''	24' 7.25''	17' 8.75''
78' 8.75'' < L ≤ 131' 2.75''	39' 4''	39' 4''	N/A	39' 4''	39' 4''	39' 4''	39' 4''	39' 4''	17' 4.5"	19' 8''	N/A	25' 3''	26' 2.75''	18' 8.25''	24' 7.25''	17' 8.75''
131' 2.75'' < L ≤ 393' 8.25''	39' 4''	39' 4''	N/A	39' 4''	39' 4''	39' 4''	39' 4''	39' 4''	18' 1/2''	20' 11.75''	N/A	17' 8.5''	26' 90"	19' 1/4''	24' 11''	25' 11''
393' 8.25'' < L ≤ 590' 6.5''	39' 4''	39' 4''	N/A	39' 4''	39' 4''	39' 4''	39' 4''	39' 4''	18' 4.25''	21' 11.75''	N/A	26' 2.75''	27' 55"	19' 4.25''	25' 3''	26' 57"

XSMD ON TRAPEZOIDAL STEEL DECK - 24 GAUGE INSTALLED WITH 12 BULB-TITE RIVETS 1 TO 3 USERS



	MAX. SPAN IN FT/IN PER SECTION								REQ. CLEARANCE IN FT/IN							
Type of the absorber /no.of users	XSBending kit		XSBending kit + XSDynamic			XSDynamic			XSBending kit		XSBending kit + XSDynamic			XSDynamic		
Per section	1	2	1	2	3	1	2	3	1	2	1	2	3	1	2	3
L ≤ 78' 8.75''	39' 4''	32' 9.75"	N/A	39' 4''	39' 4''	39' 4''	39" 4.75"	39' 4''	17' 4.5"	18' 8.25''	N/A	25' 3''	26' 2.75''	18' 8.25''	24' 7.25''	17' 8.75''
78' 8.75'' < L ≤ 131' 2.75''	39' 4''	32' 9.75"	N/A	39' 4''	39' 4''	39' 4''	39" 4.75"	39' 4''	17' 4.5"	19' 5/16''	N/A	25' 3''	26' 2.75''	18' 8.25''	24' 7.25''	17' 8.75''
131' 2.75'' < L ≤ 229' 7.75"	39' 4''	32' 9.75"	N/A	39' 4''	39' 4''	39' 4''	39" 4.75"	39' 4''	17' 8.75''	19' 4.25''	N/A	17' 8.75''	26' 57"	19' 1/4''	24' 7.25''	25' 11''
229' 7.75" < L ≤ 393' 8.25''	39' 4''	39" 4.75"	N/A	39' 4''	39' 4''	39' 4''	39" 4.75"	39' 4''	18' 1/2''	20' 11.75''	N/A	17' 8.75''	26' 90"	19' 1/4''	24' 11''	25' 11''
393' 8.25'' < L ≤ 590' 6.5''	39' 4''	39" 4.75"	N/A	39' 4''	39' 4''	39' 4''	39" 4.75"	39' 4''	18' 4.25''	21' 11.75''	N/A	26' 2.75''	27' 55"	19' 4.25''	25' 3''	26' 57"

-- = Not suitable, choose other option
N/A = Not applicable

These values are calculated conform the ANSI Z359.6 and OSHA 1926.502 standards

FALL ARREST OPTIONS FOR HLL WITH XSBASE PLATE (XSLINKED)

XSBase plate with
XSBending kit Pro

XSBase plate with
XSConnector, Spacer 30 and XSDynamic

XSBase plate with
XSBending kit Pro and XSDynamic

XSBASE PLATE ON CONCRETE ROOF OF MIN. 5 1/2"
INSTALLED WITH XSMECHANICAL ANCHOR 1 TO 3 USERS

MAX. SPAN IN FT/IN PER SECTION									REQ. CLEARANCE IN FT/IN							
Type of the absorber /no.of users / Per section	XSBending kit		XSBending kit + XSDynamic			XSDynamic			XSBending kit		XSBending kit + XSDynamic			XSDynamic		
	1	2	1	2	3	1	2	3	1	2	1	2	3	1	2	3
L ≤ 78' 8.75''	39' 4''	39' 4''	N/A	39' 4''	39' 4''	39' 4''	39' 4''	39' 4''	17' 4.5"	19' 4.25''	N/A	25' 3''	26' 2.75''	18' 8.25''	24' 7.25''	17' 8.75''
78' 8.75'' < L ≤ 131' 2.75''	39' 4''	39' 4''	N/A	39' 4''	39' 4''	39' 4''	39' 4''	39' 4''	17' 4.5"	19' 8''	N/A	25' 3''	26' 2.75''	18' 8.25''	24' 7.25''	17' 8.75''
131' 2.75'' < L ≤ 328' 1''	39' 4''	39' 4''	N/A	39' 4''	39' 4''	39' 4''	39' 4''	39' 4''	18' 1/2''	20' 11.75''	N/A	17' 8.5''	26' 90"	19' 5/16''	24' 11''	25' 11''
328' 1'' < L ≤ 590' 6.5''	39' 4''	39' 4''	N/A	39' 4''	39' 4''	39' 4''	39' 4''	39' 4''	18' 4.25''	21' 11.75''	N/A	26' 2.75''	27' 55"	19' 4.25''	25' 3''	26' 57"
590' 6.5'' < L ≤ 820' 2.5"	39' 4''	39" 4.75"	N/A	39' 4''	39' 4''	39' 4''	39" 4.75"	39' 4''	18' 4.25''	21' 11.75''	N/A	26' 2.75''	27' 55"	19' 4.25''	25' 3''	26' 57"

XSBASE PLATE ON HOLLOW CONCRETE ROOF OF MIN. 5 1/2"
INSTALLED WITH XSMECHANICAL ANCHOR 1 TO 3 USERS

MAX. SPAN IN FT/IN PER SECTION									REQ. CLEARANCE IN FT/IN							
Type of the absorber /no.of users / Per section	XSBending kit		XSBending kit + XSDynamic			XSDynamic			XSBending kit		XSBending kit + XSDynamic			XSDynamic		
	1	2	1	2	3	1	2	3	1	2	1	2	3	1	2	3
L ≤ 78' 8.75''	39' 4''	39' 4''	N/A	39' 4''	39' 4''	39' 4''	39' 4''	39' 4''	17' 4.5"	19' 4.25''	N/A	25' 3''	26' 2.75''	18' 8.25''	24' 7.25''	17' 8.75''
78' 8.75'' < L ≤ 131' 2.75''	39' 4''	39' 4''	N/A	39' 4''	39' 4''	39' 4''	39' 4''	39' 4''	17' 4.5"	19' 8''	N/A	25' 3''	26' 2.75''	18' 8.25''	24' 7.25''	17' 8.75''
131' 2.75'' < L ≤ 328' 1''	39' 4''	39' 4''	N/A	39' 4''	39' 4''	39' 4''	39' 4''	39' 4''	18' 1/2''	20' 11.75''	N/A	17' 8.5''	26' 90"	19' 5/16''	24' 11''	25' 11''
328' 1'' < L ≤ 590' 6.5''	39' 4''	39' 4''	N/A	39' 4''	39' 4''	39' 4''	39' 4''	39' 4''	18' 4.25''	21' 11.75''	N/A	26' 2.75''	27' 55"	19' 4.25''	25' 3''	26' 57"
590' 6.5'' < L ≤ 820' 2.5"	39' 4''	39" 4.75"	N/A	39' 4''	39' 4''	39' 4''	39" 4.75"	39' 4''	18' 4.25''	21' 11.75''	N/A	26' 2.75''	27' 55"	19' 4.25''	25' 3''	26' 57"

XSBASE PLATE ON CELLULAR CONCRETE ROOF OF MIN. 3 15/16''
INSTALLED WITH XSTOGGLE ANCHOR 1 TO 3 USERS

MAX. SPAN IN FT/IN PER SECTION									REQ. CLEARANCE IN FT/IN							
Type of the absorber /no.of users / Per section	XSBending kit		XSBending kit + XSDynamic			XSDynamic			XSBending kit		XSBending kit + XSDynamic			XSDynamic		
	1	2	1	2	3	1	2	3	1	2	1	2	3	1	2	3
L ≤ 78' 8.75''	39' 4''	-	N/A	39' 4''	39' 4''	39' 4''	39" 4.75"	10	17' 4.5"	-	N/A	25' 3''	26' 2.75''	18' 8.25''	24 ft 7 4/16''	24'27"
78' 8.75'' < L ≤ 131' 2.75''	39' 4''	-	N/A	39' 4''	39' 4''	39' 4''	39" 4.75"	10	17' 4.5"	-	N/A	25' 3''	26' 2.75''	18' 8.25''	24 ft 7 4/16''	24' 60"
131' 2.75'' < L ≤ 328' 1''	39' 4''	-	N/A	39' 4''	39' 4''	39' 4''	39" 4.75"	11	17' 8.75''	-	N/A	17' 8.75''	26' 90"	19' 5/16''	24' 11''	17' 8.75''
328' 1'' < L ≤ 590' 6.5''	39' 4''	-	N/A	39' 4''	39' 4''	39' 4''	39" 4.75"	39' 4''	18' 1/2''	-	N/A	25' 11''	27'23"	19' 4.25''	25' 3''	26' 2.75''
590' 6.5'' < L ≤ 820' 2.5"	39' 4''	-	N/A	39' 4''	39' 4''	39' 4''	39" 4.75"	39' 4''	5,6	-	N/A	26' 2.75''	27' 55"	19' 4.25''	25' 3''	26' 57"

-- = Not suitable, choose other option
N/A = Not applicable

These values are calculated conform the ANSI Z359.6 and OSHA 1926.502 standards

FALL ARREST OPTIONS FOR HLL WITH XSBASE PLATE (XSLINKED)

XSBase plate with
XSBending kit Pro

XSBase plate with
XSConnector, Spacer 30 and XSDynamic

XSBase plate with
XSBending kit Pro and XSDynamic

XSBASE PLATE ON PLYWOOD ROOF DECK OF MIN. 7/16'' INSTALLED WITH 4 XSTOGGLE ANCHORS (M10) AND XSBASE PLATE XTRA (12 MM) 1 TO 3 USERS

MAX. SPAN IN FT/IN PER SECTION									REQ. CLEARANCE IN FT/IN							
Type of the absorber /no.of users	XSBending kit		XSBending kit + XSDynamic			XSDynamic			XSBending kit		XSBending kit + XSDynamic			XSDynamic		
Per section	1	2	1	2	3	1	2	3	1	2	1	2	3	1	2	3
L ≤ 78' 8.75''	6	-	N/A	39" 4.75"	-	39" 4.75"	36' 1''	-	17' 4.5"	-	N/A	25' 3''	-	18' 8.25''	23' 11.25''	-
78' 8.75'' < L ≤ 131' 2.75''	8	-	N/A	39" 4.75"	-	39" 4.75"	36' 1''	-	17' 4.5"	-	N/A	25' 3''	-	18' 8.25''	23' 11.25''	-
131' 2.75'' < L ≤ 393' 8.25''	9	-	N/A	39" 4.75"	-	39" 4.75"	39" 4.75"	-	18' 1/2''	-	N/A	17' 8.75''	-	19' 5/16''	24' 11''	-
393' 8.25'' < L ≤ 590' 6.5''	10	-	N/A	39" 4.75"	-	39" 4.75"	39" 4.75"	-	5,6	-	N/A	26' 2.75''	-	19' 4.25''	25' 3''	-

XSBASE PLATE ON PLYWOOD ROOF DECK OF MIN. 9/16'' INSTALLED WITH XSTOGGLE ANCHOR (M12) AND CORNER FIXATION SCREWS 1 TO 3 USERS

MAX. SPAN IN FT/IN PER SECTION									REQ. CLEARANCE IN FT/IN							
Type of the absorber /no.of users	XSBending kit		XSBending kit + XSDynamic			XSDynamic			XSBending kit		XSBending kit + XSDynamic			XSDynamic		
Per section	1	2	1	2	3	1	2	3	1	2	1	2	3	1	2	3
L ≤ 78' 8.75''	39' 4''	-	N/A	29' 6.25''	-	39" 4.75"	22' 11.75''	-	17' 4.5"	-	N/A	23' 3.5''	-	18' 8.25''	20' 8''	-
78' 8.75'' < L ≤ 131' 2.75''	39' 4''	-	N/A	29' 6.25''	-	39" 4.75"	26' 2.75''	-	17' 4.5"	-	N/A	23' 3.5''	-	18' 8.25''	21' 7.75''	-
131' 2.75'' < L ≤ 229' 7.75"	39' 4''	-	N/A	29' 6.25''	-	39" 4.75"	26' 2.75''	-	17' 8.75''	-	N/A	23' 7.25''	-	19' 5/16''	21' 11.75''	-
229' 7.75" < L ≤ 393' 8.25''	39' 4''	-	N/A	32' 9.75"	-	39" 4.75"	26' 2.75''	-	18' 1/2''	-	N/A	24' 3.25''	-	19' 5/16''	21' 11.75''	-
393' 8.25'' < L ≤ 590' 6.5''	39' 4''	-	N/A	32' 9.75"	-	39" 4.75"	29' 6.25''	-	18' 4.25''	-	N/A	24' 7.5''	-	19' 4.25''	22' 11.75''	-
590' 6.5'' < L ≤ 820' 2.5"	39' 4''	-	N/A	39" 4.75"	-	39" 4.75"	32' 9.75"	-	18' 4.25''	-	N/A	26' 2.75''	-	19' 4.25''	23' 11.25''	-

XSBASE PLATE ON TRAPEZOIDAL STEEL DECK - 24 GAUGE - INSTALLED WITH XSTOGGLE ANCHOR (M12) AND CORNER FIXATION SCREWS 1 TO 3 USERS

MAX. SPAN IN FT/IN PER SECTION									REQ. CLEARANCE IN FT/IN							
Type of the absorber /no.of users	XSBending kit		XSBending kit + XSDynamic			XSDynamic			XSBending kit		XSBending kit + XSDynamic			XSDynamic		
Per section	1	2	1	2	3	1	2	3	1	2	1	2	3	1	2	3
L ≤ 78' 8.75''	39' 4''	-	N/A	32' 9.75"	-	39" 4.75"	29' 6.25''	-	17' 4.5"	-	N/A	23' 11.25''	-	18' 8.25''	22' 7.5"	-
78' 8.75'' < L ≤ 131' 2.75''	39' 4''	-	N/A	36' 1''	-	39" 4.75"	32' 9.75"	-	17' 4.5"	-	N/A	24' 11''	-	18' 8.25''	23' 3.5''	-
131' 2.75'' < L ≤ 229' 7.75"	39' 4''	-	N/A	39" 4.75"	-	39" 4.75"	32' 9.75"	-	17' 8.75''	-	N/A	17' 8.75''	-	19' 5/16''	23' 3.5''	-
229' 7.75" < L ≤ 393' 8.25''	39' 4''	-	N/A	39" 4.75"	-	39" 4.75"	32' 9.75"	-	18' 1/2''	-	N/A	17' 8.75''	-	19' 5/16''	23' 7.25''	-
393' 8.25'' < L ≤ 590' 6.5''	39' 4''	-	N/A	39" 4.75"	-	39" 4.75"	39" 4.75"	-	18' 4.25''	-	N/A	25' 11''	-	19' 4.25''	25' 3''	-
590' 6.5'' < L ≤ 820' 2.5"	39' 4''	-	N/A	39" 4.75"	-	39" 4.75"	39" 4.75"	-	18' 4.25''	-	N/A	26' 2.75''	-	19' 4.25''	25' 3''	-

-- = Not suitable, choose other option
N/A = Not applicable

These values are calculated conform the ANSI Z359.6 and OSHA 1926.502 standards

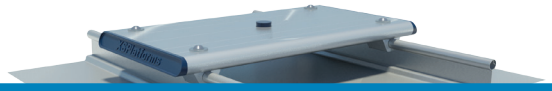
FALL ARREST OPTIONS FOR HLL WITH XTRUSION (XSLINKED)

XTrusion with
XSBending kit Pro

XTrusion with XSConnector,
Spacer 30 and XSDynamic

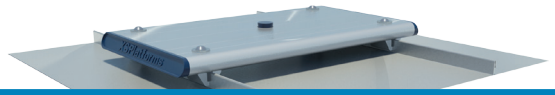
XTrusion with XSBending kit Pro
and XSDynamic

XTRUSION ON ALUMINUM ROUND SEAM DECK - 20 GAUGE INSTALLED WITH XTRUSION FIX KIT ROUND SEAM 1 TO 3 USERS



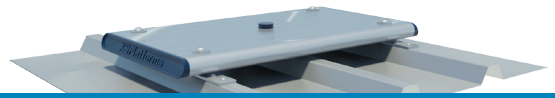
MAX. SPAN IN FT/IN PER SECTION									REQ. CLEARANCE IN FT/IN							
Type of the absorber /no.of users / Per section	XSBending kit		XSBending kit + XSDynamic			XSDynamic			XSBending kit		XSBending kit + XSDynamic			XSDynamic		
	1	2	1	2	3	1	2	3	1	2	1	2	3	1	2	3
L ≤ 78' 8.75''	39' 4''	19' 8"	N/A	39' 4''	39' 4''	39' 4''	N/A	N/A	17' 4.5"	17 ft 11/16''	N/A	25' 3''	26' 2.75''	18' 8.25''	N/A	N/A
78' 8.75'' < L ≤ 131' 2.75''	39' 4''	22' 11.75''	N/A	39' 4''	39' 4''	39' 4''	N/A	N/A	17' 4.5"	17' 8.75''	N/A	25' 3''	26' 2.75''	18' 8.25''	N/A	N/A
131' 2.75'' < L ≤ 229' 7.75"	39' 4''	26' 2.75''	N/A	39' 4''	39' 4''	39' 4''	N/A	N/A	17' 8.75''	18' 8.25''	N/A	17' 8.75''	26'57"	19' 5/16''	N/A	N/A
229' 7.75" < L ≤ 393' 8.25''	39' 4''	32' 9.75"	N/A	39' 4''	39' 4''	39' 4''	N/A	N/A	18' 1/2''	20' 11.75''	N/A	17' 8.75''	26' 90"	19' 5/16''	N/A	N/A
393' 8.25'' < L ≤ 590' 6.5''	39' 4''	39" 4.75"	N/A	39' 4''	39' 4''	39' 4''	N/A	N/A	18' 4.25''	21' 11.75''	N/A	26' 2.75''	27' 55"	19' 4.25''	N/A	N/A

XTRUSION ON ZINC DOUBLE FOLD SEAM DECK - 19 GAUGE INSTALLED WITH XTRUSION FIX KIT DOUBLE FOLD 1 TO 3 USERS



MAX. SPAN IN FT/IN PER SECTION									REQ. CLEARANCE IN FT/IN							
Type of the absorber /no.of users / Per section	XSBending kit		XSBending kit + XSDynamic			XSDynamic			XSBending kit		XSBending kit + XSDynamic			XSDynamic		
	1	2	1	2	3	1	2	3	1	2	1	2	3	1	2	3
L ≤ 78' 8.75''	39' 4''	-	N/A	32' 9.75"	-	39" 4.75"	-	-	17' 4.5"	-	N/A	23' 11.25''	-	18' 8.25''	-	-
78' 8.75'' < L ≤ 131' 2.75''	39' 4''	-	N/A	36' 1''	-	39" 4.75"	-	-	17' 4.5"	-	N/A	24' 11''	-	18' 8.25''	-	-
131' 2.75'' < L ≤ 229' 7.75"	39' 4''	-	N/A	39" 4.75"	-	39" 4.75"	-	-	17' 8.75''	-	N/A	17' 8.75''	-	19' 5/16''	-	-
229' 7.75" < L ≤ 393' 8.25''	39' 4''	-	N/A	39" 4.75"	-	39" 4.75"	-	-	18' 1/2''	-	N/A	17' 8.75''	-	19' 5/16''	-	-
393' 8.25'' < L ≤ 656' 2"	39' 4''	-	N/A	39" 4.75"	-	39" 4.75"	-	-	18' 4.25''	-	N/A	25' 11''	-	19' 4.25''	-	-
656' 2" < L ≤ 590' 6.5"	39' 4''	-	N/A	39" 4.75"	-	39" 4.75"	-	-	18' 4.25''	-	N/A	26' 2.75''	-	19' 4.25''	-	-

XTRUSION ON TRAPEZOIDAL STEEL DECK - 24 GAUGE - INSTALLED WITH BUILD-UP-ON-SITE KIT AND 16 BULB-TITE RIVETS 1 TO 3 USERS



MAX. SPAN IN FT/IN PER SECTION									REQ. CLEARANCE IN FT/IN							
Type of the absorber /no.of users / Per section	XSBending kit		XSBending kit + XSDynamic			XSDynamic			XSBending kit		XSBending kit + XSDynamic			XSDynamic		
	1	2	1	2	3	1	2	3	1	2	1	2	3	1	2	3
L ≤ 78' 8.75''	39' 4''	39' 4''	N/A	39' 4''	39' 4''	39' 4''	39' 4''	39' 4''	17' 4.5"	19' 4.25''	N/A	25' 3''	26' 2.75''	18' 8.25''	24' 7.25''	17' 8.75''
78' 8.75'' < L ≤ 131' 2.75''	39' 4''	39' 4''	N/A	39' 4''	39' 4''	39' 4''	39' 4''	39' 4''	17' 4.5"	19' 8''	N/A	25' 3''	26' 2.75''	18' 8.25''	24' 7.25''	17' 8.75''
131' 2.75'' < L ≤ 393' 8.25''	39' 4''	39' 4''	N/A	39' 4''	39' 4''	39' 4''	39' 4''	39' 4''	18' 1/2''	20' 11.75''	N/A	17' 8.5''	26' 90"	19' 1/4''	24' 11''	25' 11''
393' 8.25'' < L ≤ 590' 6.5''	39' 4''	39' 4''	N/A	39' 4''	39' 4''	39' 4''	39' 4''	39' 4''	18' 4.25''	21' 11.75''	N/A	26' 2.75''	27' 55"	19' 4.25''	25' 3''	26' 57"
590' 6.5'' < L ≤ 820' 2.5"	39' 4''	-	N/A	39' 4''	39' 4''	39' 4''	39" 4.75"	39' 4''	5,6	-	N/A	26' 2.75''	27' 55"	19' 4.25''	25' 3''	26' 57"

-- = Not suitable, choose other option
N/A = Not applicable

These values are calculated conform the ANSI Z359.6 and OSHA 1926.502 standards

FALL ARREST OPTIONS FOR HLL WITH XSMD (XSLINKED)

XSMD with
XSBending kit Pro

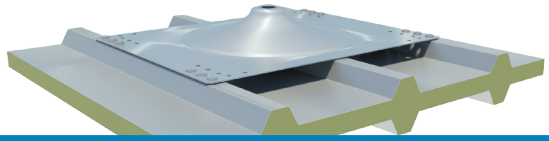
Spacer, XSConnector and
XSDynamic

XSBending kit Pro and
XSDynamic

XSMD ON TRAPEZOIDAL STEEL DECK - 24 GAUGE INSTALLED WITH 12 BULB-TITE RIVETS 1 TO 3 USERS

	MAX. SPAN IN FT/IN PER SECTION								REQ. CLEARANCE IN FT/IN							
Type of the absorber /no.of users / Per section	XSBending kit		XSBending kit + XSDynamic			XSDynamic			XSBending kit		XSBending kit + XSDynamic			XSDynamic		
	1	2	1	2	3	1	2	3	1	2	1	2	3	1	2	3
L ≤ 78' 8.75''	39' 4''	32' 9.75"	N/A	39' 4''	39' 4''	39' 4''	39" 4.75"	39' 4''	17' 4.5"	18' 8.25''	N/A	25' 3''	26' 2.75''	18' 8.25''	24' 7.25''	17' 8.75''
78' 8.75'' < L ≤ 131' 2.75''	39' 4''	32' 9.75"	N/A	39' 4''	39' 4''	39' 4''	39" 4.75"	39' 4''	17' 4.5"	19' 5/16''	N/A	25' 3''	26' 2.75''	18' 8.25''	24' 7.25''	17' 8.75''
131' 2.75'' < L ≤ 229' 7.75"	39' 4''	32' 9.75"	N/A	39' 4''	39' 4''	39' 4''	39" 4.75"	39' 4''	17' 8.75''	19' 4.25''	N/A	17' 8.75''	26' 57"	19' 1/4''	24' 7.25''	25' 11''
229' 7.75" < L ≤ 393' 8.25''	39' 4''	39" 4.75"	N/A	39' 4''	39' 4''	39' 4''	39" 4.75"	39' 4''	18' 1/2''	20' 11.75''	N/A	17' 8.75''	26' 90"	19' 1/4''	24' 11''	25' 11''
393' 8.25'' < L ≤ 590' 6.5''	39' 4''	39" 4.75"	N/A	39' 4''	39' 4''	39' 4''	39" 4.75"	39' 4''	18' 4.25''	21' 11.75''	N/A	26' 2.75''	27' 55"	19' 4.25''	25' 3''	26' 57"

XSMD ON A SANDWICH PANEL WITH A TOP LAYER - 26 GAUGE INSTALLED WITH 12 BULB-TITE RIVETS 1 TO 3 USERS



	MAX. SPAN IN FT/IN PER SECTION								REQ. CLEARANCE IN FT/IN							
Type of the absorber /no.of users / Per section	XSBending kit		XSBending kit + XSDynamic			XSDynamic			XSBending kit		XSBending kit + XSDynamic			XSDynamic		
	1	2	1	2	3	1	2	3	1	2	1	2	3	1	2	3
L ≤ 78' 8.75''	19'8"	-	-	26' 3"	-	39' 4"	26' 3"	-	14' 1"	-	-	19' 4"	-	18'	18' 4"	-
78' 8.75'' < L ≤ 131' 2.75''	19'8"	-	-	26' 3"	-	39' 4"	26' 3"	-	14' 1"	-	-	19' 4"	-	18'	18' 8"	-
131' 2.75'' < L ≤ 229' 7.75"	19'8"	-	-	32' 10"	-	39' 4"	26' 3"	-	14' 1"	-	-	20' 8"	-	18' 4"	18' 8"	-
229' 7.75" < L ≤ 393' 8.25''	26' 3"	-	-	34' 5"	-	39' 4"	29' 6"	-	15' 1	-	-	21' 4"	-	18' 4"	19' 8"	-
393' 8.25'' < L ≤ 590' 6.5"	39' 4"	-	-	39' 4"	-	39' 4"	32' 10"	-	16' 9"	-	-	22'	-	19'	20' 8"	-

These values are calculated conform the ANSI Z359.6 and OSHA 1926.502 standards