



METALMASTER®



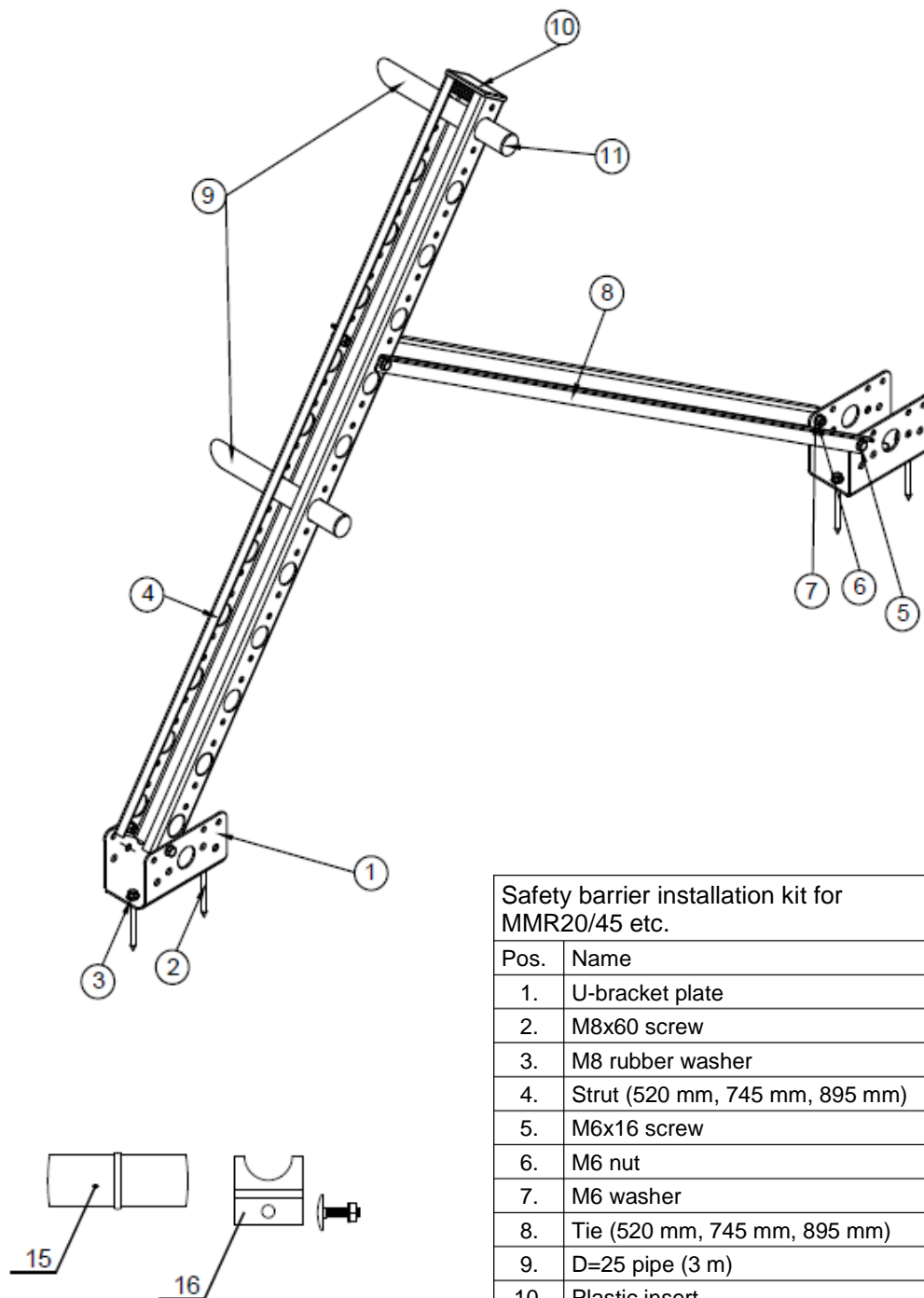
SAFETY BARRIER MMR 20/MMR 45 AND OTHER ROOF TYPES

INSTALLATION GUIDE

Safety barrier

MMR 20/MMR 45 and other roof types

3 strut heights optional: 520 mm, 745 mm, and 895 mm



Safety barrier installation kit for MMR20/45 etc.		Kit 1	More than 1 kit
Pos.	Name	Quantity	Quantity
1.	U-bracket plate	6	4
2.	M8x60 screw	12	8
3.	M8 rubber washer	12	8
4.	Strut (520 mm, 745 mm, 895 mm)	3	2
5.	M6x16 screw	18	12
6.	M6 nut	18	12
7.	M6 washer	18	12
8.	Tie (520 mm, 745 mm, 895 mm)	6	4
9.	D=25 pipe (3 m)	2*	2*
10.	Plastic insert	3*	2*
11.	Plastic end pieces	4*	4*
12.	Tube connector	2*	2*
13.	Tube clamp with M6x16 screw	2*	2*

* Quantity depends on the number of kits.

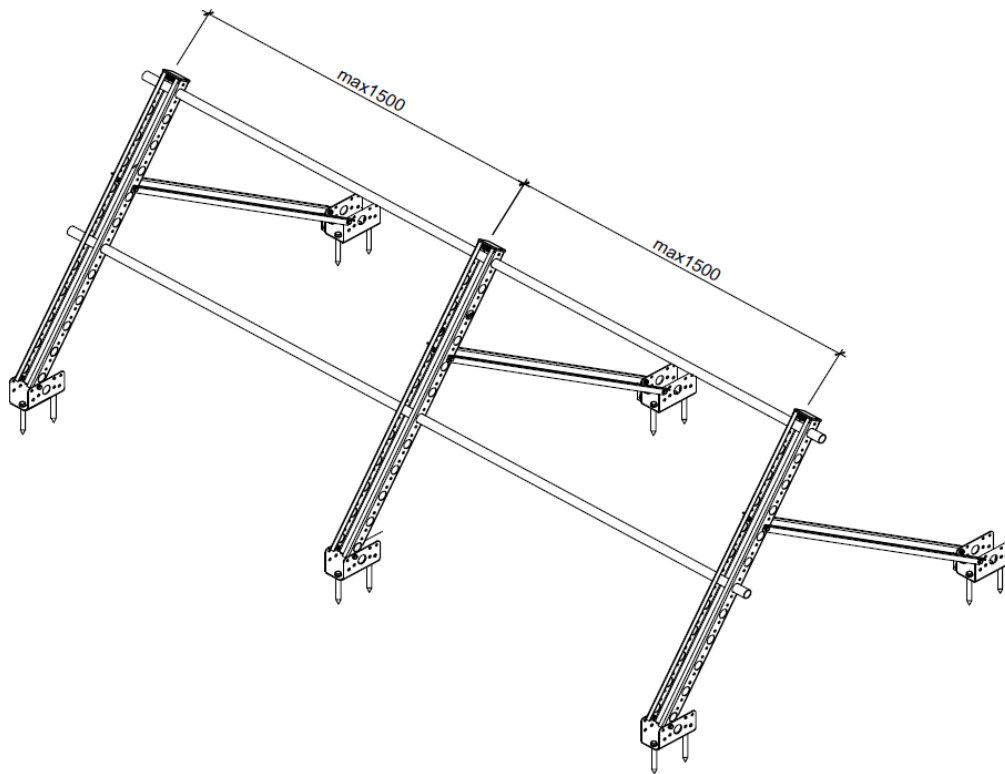


Figure 1.

Application

- A safety barrier is necessary if the pitch of the roof is greater than 5°.
- Safety barriers must be installed to enable safe movement on the roof.

Safety barrier installation

- Plan the location for installation.
- Make sure that the roof structure is stable.
- The safety barrier U-bracket plates must be installed on top of the roof battens.
- Check to confirm that the roofing is installed according to the roof installation instructions.
- Before installing the U-supports, mark a straight line in which you plan to install the safety barrier, e.g., using a coloured chalk line.
- Make sure the safety barrier is installed in a straight line.

- Install the U-bracket plates on the roof seam protrusion edge.
- Make sure that the U-bracket parts are in the position shown in Figure 2.
- Screw the U-bracket plates to the roof using 4 M8x60 mm screws (Figure 3).
- Tighten the screws such that the U-bracket plates hold firmly on the roof material (Figure 2).
- To the U-bracket plates, attach the strut and the ties using 6 M6x16 screws with nuts. The strut must be fastened in a vertical position (Figure 3).
- Place the tubes in the designated locations. The maximum distance between struts is 1500 mm (Figure 1).
- The tubes are secured with a tube clamp.
- Barriers can be easily extended by connecting the individual tubes with connectors.

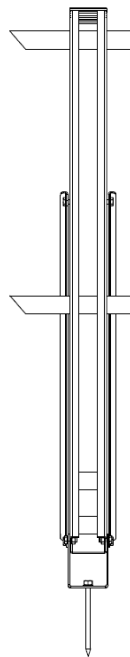


Figure 2.

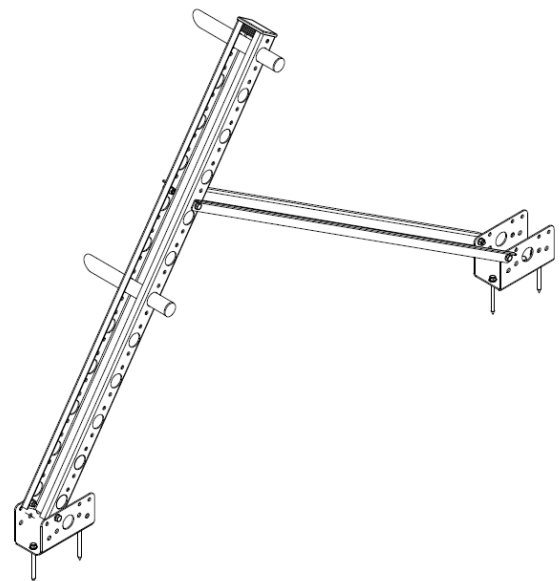


Figure 3.