



# METALMASTER®

## **SNOW BARRIERS**

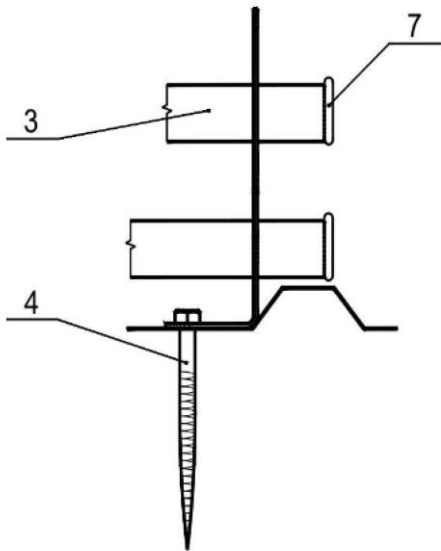
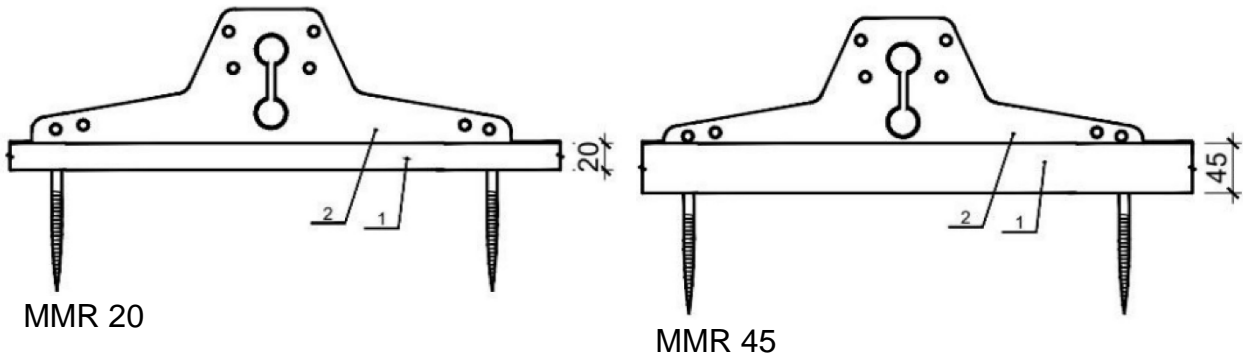
**MMR 20**

**MMR 45**

**INSTALLATION GUIDE**

# SNOW BARRIERS

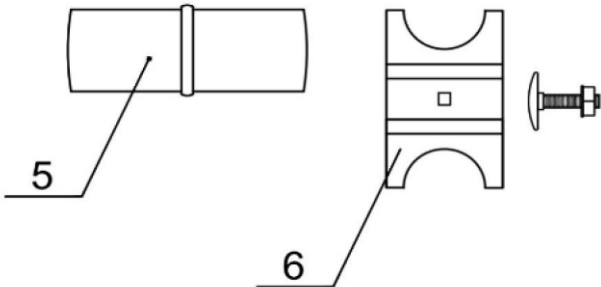
## For MMR 20 and 45 profiles



**Snow barrier installation kit**

Position	Name	Quantity
1.	Roof profile	-
2.	PR-bracket plate	4
3.	D=25 tube	2 (3 m)
4.	M8x100 screw	8
5.	Tube connector	2*
6.	Tube clamps with M6 screw	2*
7.	Plastic caps	4*

\* Quantity depends on the number of kits.



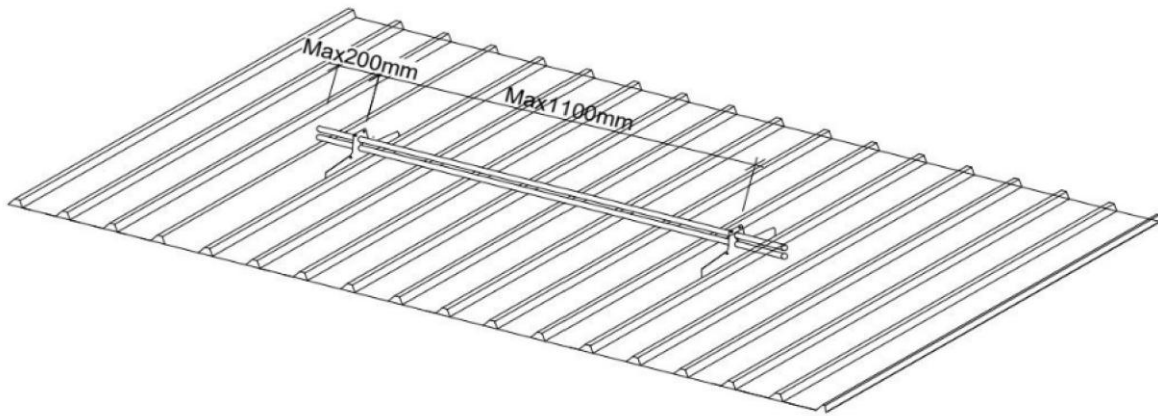


Figure 1.

## **Installation**

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- Snow barriers are designed in compliance with standards and intended for loads of up to 5 kN/m, if installed as per the manufacturer's instructions.
- A snow barrier is necessary if the pitch of the roof is greater than 1:8 (7°).
- Snow barriers should necessarily be installed above walkways and pavements if these run under the eaves of the building.

## **Snow barrier installation**

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- Plan the location for installation.
- Make sure that the roof structure is stable.
- The snow barrier must be installed on top of the roof battens (ideally, it should be attached to a roof truss).
- Check to confirm that the roofing is installed according to the roof installation instructions.
- Make sure that the snow barriers are installed in a straight line. Before installing the supports, mark a straight line in which you plan to install the snow barriers, e.g., using a coloured chalk line.

- Install the PR-bracket plate by placing it onto the edge of the roof seam protrusion such that the PR-bracket plate is in a vertical position (Figure 3).
- Make sure that the RP-bracket plate parts are in the position shown in Figure 2.
- Screw the PR-bracket plate to the roof using 2 M8x100 mm screws (Figure 3).
- Tighten the screws such that they easily press into the PR-bracket plate. It is not recommended to tighten any further.
- Place the tubes in the designated locations. The maximum distance between a RP-bracket plate and pipe ends is 200 mm (Figure 1).
- Barriers can be easily extended by connecting the individual tubes with connectors (Figure 4).
- The tubes are secured with a tube clamp (Figure 5).

Figure 2.

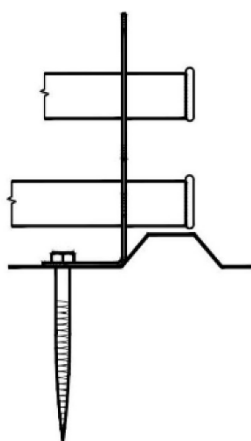


Figure 2.

MMR20

MMR45

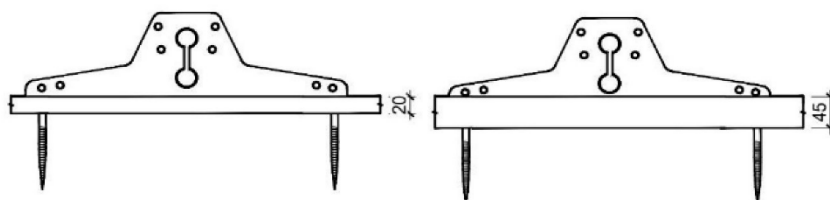


Figure 3.



Figure 4.

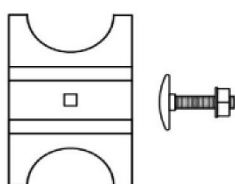


Figure 5.