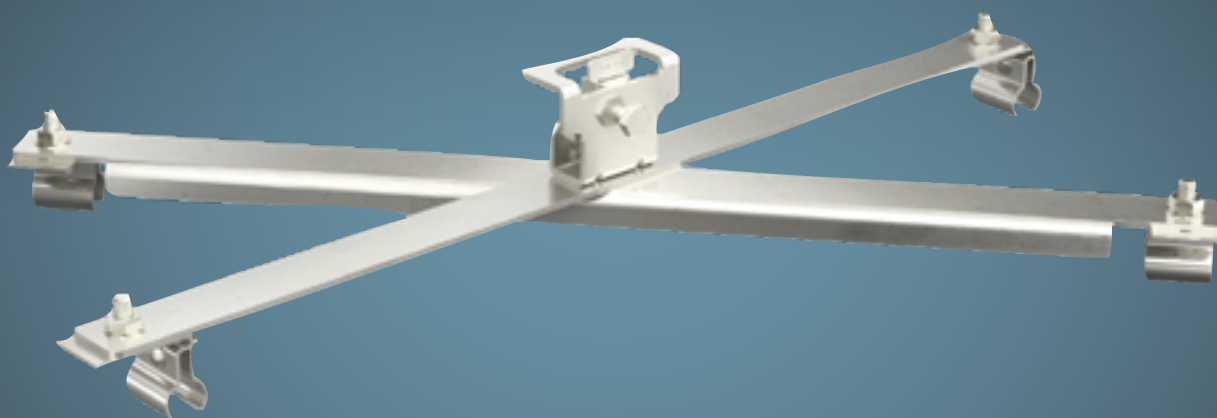




Air-termination rod fastening for metal roof Kalzip



With the new OBO air-termination rod fastening, Ø 16 mm arresting rods can be fastened easily, quickly, and securely to metal roofs. The fastening cross can be adjusted to different fastening distances. When the air-termination rod fastening is used together with the OBO round wire con-

nection terminal for air termination rods and the OBO 8 mm round conductor, it can be used in accordance with IEC/EN 62651-1 for lightning currents up to 100 kA (10/350). The fastening can be used to protect roof structures and light domes on metal roofs.

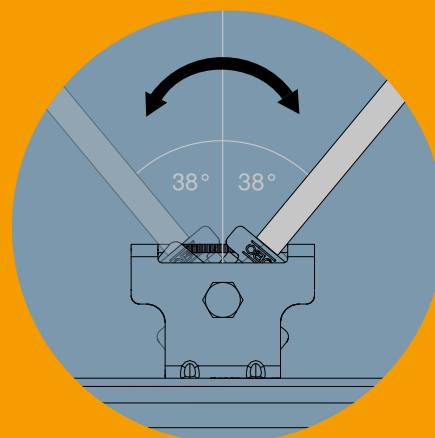
The advantages at a glance:

- Suitable for wind loads according to Eurocode 1: EN 1991-1-4
- Made of A2 stainless steel
- Quick and easy installation
- Angle of air-termination rod adjustable
- Fastening cross adjustable to various fastening distances suitable for air-termination rods up to 4 m

Variants:

- Air-termination rod fastening for metal roof: F-FIX-MD+; article nr. 5403337
 - Air-termination rod fastening for metal roof Kalzip: F-FIX-MD; article nr. 5403336
- Note: additional suitable roof mounting required

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Providing additional support for the air-termination rod

Our table shows how

The air-termination rod may have to be provided with additional support following mounting depending on the wind load and the air-termination rod length. The following table

makes it easy to determine whether the air-termination rod length requires no support, support on one side or support on two sides.

Wind load	Overall length of the air-termination rod									
	1,5 m	2 m	2,25 m	2,5 m	2,75 m	3 m	3,25 m	3,5 m	3,75 m	4 m
≤108 km/h	—	—	—	—	—	—	—	—	1	1
109 - 117 km/h	—	—	—	—	—	—	—	1	1	2
118 - 130 km/h	—	—	—	—	—	—	1	1	2	2
131 - 140 km/h	—	—	—	—	—	1	1	2	2	2
141 - 157 km/h	—	—	—	—	1	1	2	2	2	2
158 - 176 km/h	—	—	—	1	1	2	2	2	2	2
177 - 200 km/h	—	—	1	1	2	2	2	2	2	2
201 - 275 km/h	—	1	1	2	2	2	2	2	2	2

Support components

Item no.	Designation	Type	Length	Diameter / hole	Use
5311590	Quick connector	249 8-10x16 VA	40 x 50 mm	M10	Fastening the support to the air-termination rod
5021235	Round conductor	RD 8-V2A	125 m	RD 8	Supporting element
5021227	Round conductor	RD 10-V2A	50 m	RD 10	
5021239	Round conductor	RD 10-V2A	80 m	RD 10	
5021644	Round conductor	RD 8-V4A	125 m	RD 8	
5021640	Round conductor	RD 10-V4A 20	20 m	RD 10	
5021642	Round conductor	RD 10-V4A	50 m	RD 10	
5021647	Round conductor	RD 10-V4A	80 m	RD 10	
5317502	Folding clamp	RSF 249 8-10 VA	67 x 38 mm	M10	When using F-FIX-MD: Fastening of the support to metal roof
5311554	Quick connector	249 8-10 VA-OT	40 x 40 mm	zu M10	When using F-FIX-MD: Fastening of the support to metal roof. Mounting requires folding clamps appropriate for the roof, M10 screws and spring washers (DIN 137).

Further information can be found in the mounting instructions:

Download
mounting
instructions



OBO Bettermann Holding GmbH & Co. KG
P.O. Box 1120
58694 Menden
GERMANY

Customer Service
Tel.: +49 23 73 89 - 17 00
export@obo.de
www.obo-bettermann.com