

I PATROL + SHIELD | SHIELD 2

LIFELINE ON SUPPORT FOR TRAPEZOIDAL METAL ROOFS WITH AND WITHOUT INSULATION LAYER

COMPLETE

The package includes fasteners and cellular rubber gaskets, to ensure waterproofing.

VERSATILE

Used on all trapezoidal metal roofs with and without insulation layer with a span between frets of up to 420 mm.

FUNCTIONAL

SHIELD can be used as a start, end or corner lifeline; SHIELD 2 is ideal as a straight intermediate point.

EN 795:2012 C	CEN/TS 18415:2013	UNI 11578:2015 C	AS/NZS 1891.2:2001	AS/NZS 1891.4:2009
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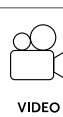
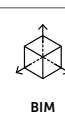
MAXIMUM NUMBER
OF USERS



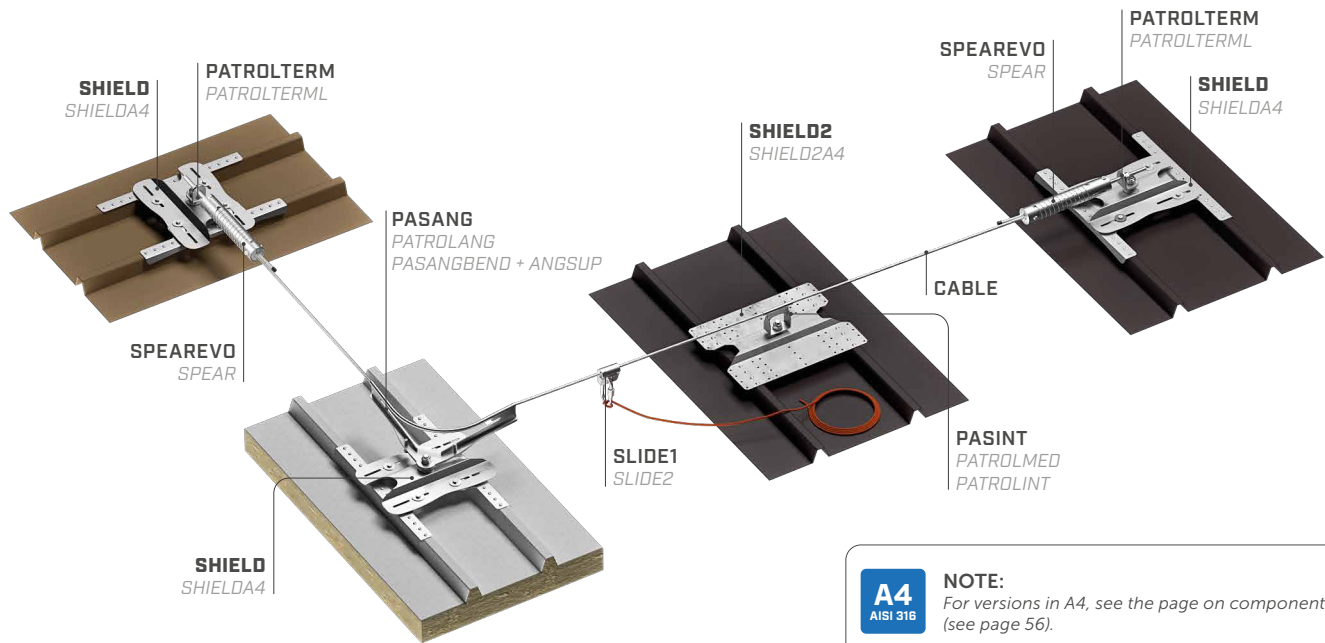
LOAD DIRECTION



TYPES OF
APPLICATION



PATROL LIFELINE COMPONENTS



TECHNICAL DATA*

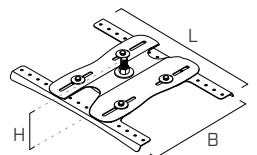
substructure	minimum thickness	fastening systems included	
Fe	0,5 mm	SHIELD: rivet 6,3 x 20,2 mm with EPDM washer (x 32) SHIELD2: rivet 6,3 x 20,2 mm with EPDM washer (x 16)	
Fe	0,5 mm		
Al	1 mm		
Al	1 mm		

			SPEAR					SPEAREVO				
			EN 795:2012 C	CEN/TS 16415:2013	UNI 11578:2015 C	AS/NZS 1891.2:2001	AS/NZS 1891.4:2009	EN 795:2012 C	CEN/TS 16415:2013	UNI 11578:2015 C	AS/NZS 1891.2:2001	AS/NZS 1891.4:2009
users		no.	🧑🧑		🧑🧑		🧑🧑🧑🧑		🧑🧑🧑🧑		🧑🧑🧑🧑	
minimum span	$x_{\min}$	[m]	2		2		2		2		2	
maximum span	$x_{\max}$	[m]	7,5		7,5		15		15		15	
maximum deflection	$y_{\max}$	[m]	1,44		1,44		3,40		3,40		3,40	

* The values indicated are the result of experimental tests carried out under the supervision of third parties in accordance with the standard referred to. For a correct calculation report with minimum distances according to the standard requirements, the substructure must be checked by a qualified engineer before installation.

SHIELD - SHIELD 2 | CODES AND DIMENSIONS

CODE	description	material		B [mm] [in]	H [mm] [in]	L [mm] [in]	pcs
SHIELD	lifeline support	AISI 304 stainless steel grade 1.4301	A2 AISI 304	180-420 7 1/8-16 9/16	85 3 3/8	476 18 3/4	1
SHIELDA4	lifeline support	AISI 316 stainless steel grade 1.4401	A4 AISI 316				



CODE	description	material		B [mm] [in]	H [mm] [in]	L [mm] [in]	pcs
SHIELD2	intermediate lifeline support	AISI 304 stainless steel grade 1.4301	A2 AISI 304	250 - 370 10-14 9/16	65 2 9/16	322 12 11/16	1
SHIELD2A4	intermediate lifeline support	AISI 316 stainless steel grade 1.4401	A4 AISI 316				

