

# PATROL + SHIELD | SHIELD 2



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

### COMPLETE

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

### APPLICATION

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

### USE

SHIELD for use as a start, end or corner lifeline; SHIELD 2 for use as a straight intermediate point.



LOAD DIRECTION



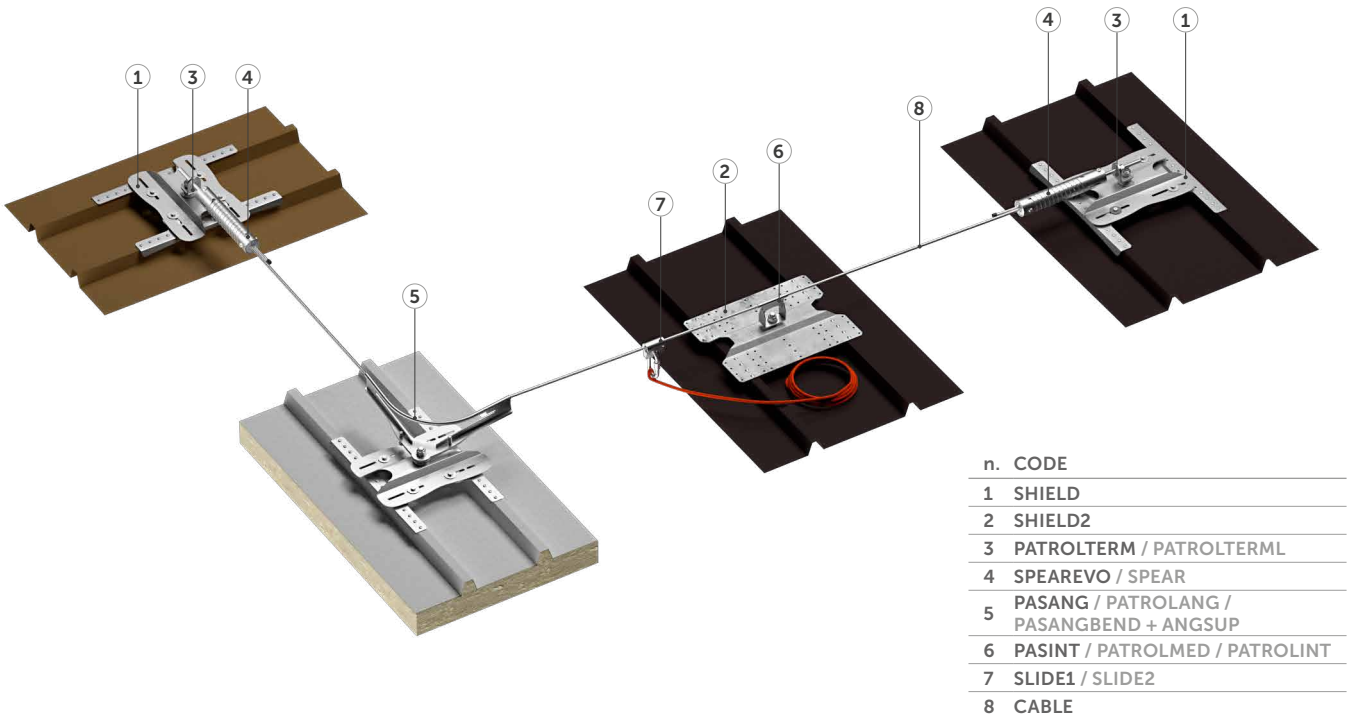
TYPES OF APPLICATION



▼ Installation of a PATROL lifeline with SHIELD supports on a steel sandwich panel roof.



## PATROL LIFELINE COMPONENTS

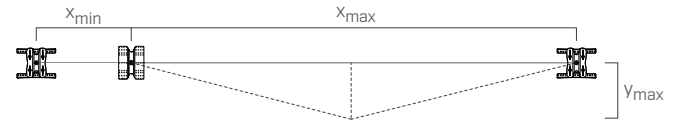


n.	CODE
1	SHIELD
2	SHIELD2
3	PATROTERM / PATROTERML
4	SPEAREVO / SPEAR
5	PASANG / PATROLANG / PASANGBEND + ANGSUP
6	PASINT / PATROLMED / PATROLINT
7	SLIDE1 / SLIDE2
8	CABLE

## 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)
Fe	0,5 mm	
Al	1 mm	SHIELD2: rivet 6,3 x 20,2 mm with EPDM washer (x 16)
Al	1 mm	

		with SPEAR	with SPEAREVO <b>NEW</b>
minimum spacing	$x_{min}$ [m]	2	2
maximum spacing	$x_{max}$ [m]	7,5	15
maximum deflection	$y_{max}$ [m]	1,44	3,40
users	n.	2	4

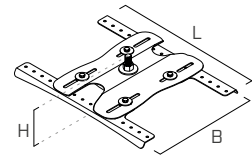


\* The values indicated are the result of experimental tests carried out under the supervision of third parties in accordance with the standard referred to. For a calculation report with minimum distances according to the relevant standard requirements, the substructure must be checked by a qualified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

## SHIELD | CODES AND DIMENSIONS

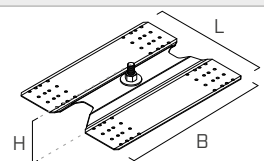
**A2**  
AISI 304

CODE	description	material	B [mm]	H [mm]	L [mm]	pcs
SHIELD	lifeline support	AISI 304 stainless steel grade 1.4301	180-420	85	476	1



## SHIELD 2 | CODES AND DIMENSIONS

CODE	description	material	B [mm]	H [mm]	L [mm]	pcs
SHIELD2	intermediate lifeline support	AISI 304 stainless steel grade 1.4301	250 - 370	65	322	1



## COMPLEMENTARY PRODUCTS

CODE	description	pcs
RIV6320	rivets 6,3 x 20,2 mm with EPDM washer	33



# PATROL + SIANK 4 | SIANKINT



## LIFELINE ON SUPPORT FOR STANDING SEAM METAL ROOFS



### PRACTICAL

The system can be installed on existing roofs without having to remove the metal sheet.

### SAFE

Installation does not require the sheet metal to be drilled, thanks to the gripper which distributes the load over the double seam, thus ensuring the integrity of the building envelope.

### SIMPLE

Designed to ensure quick and easy assembly with just a few tools.



LOAD DIRECTION



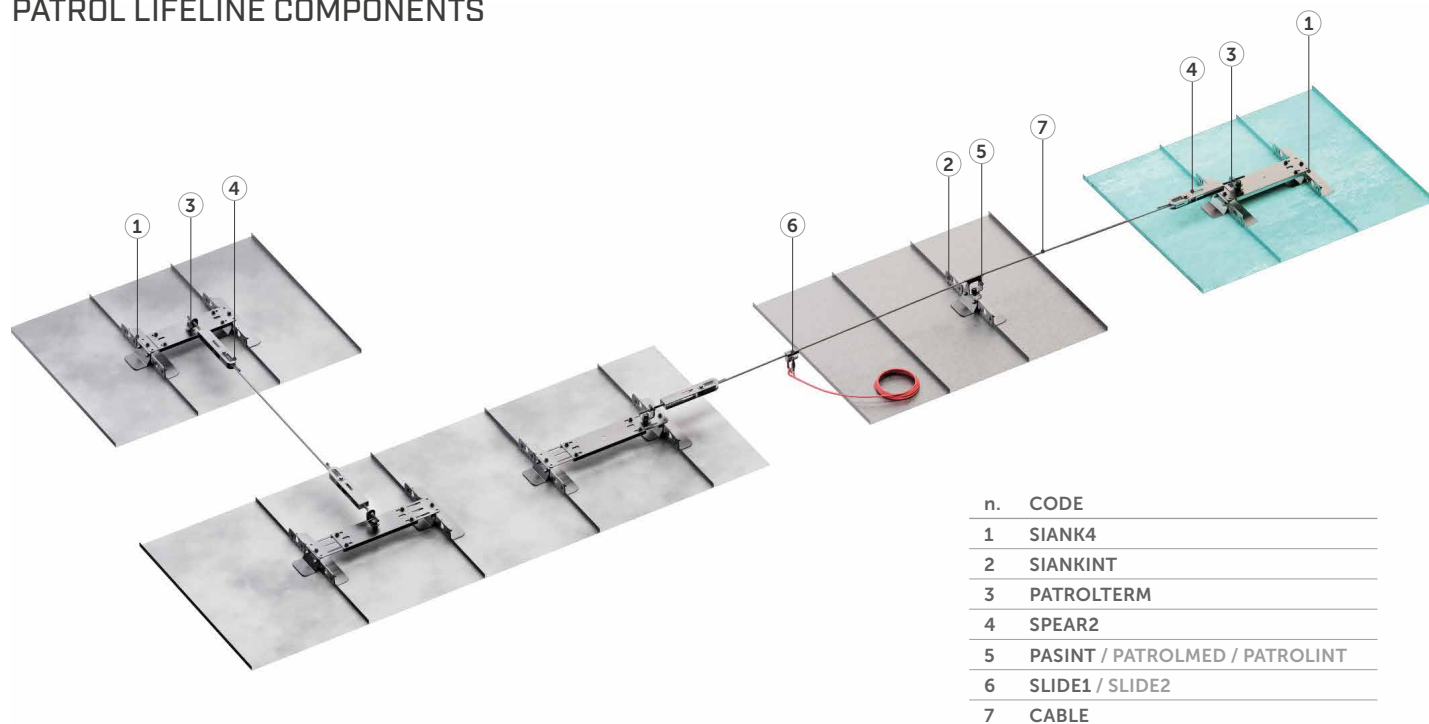
TYPES OF APPLICATION



▼ *Installation of a PATROL lifeline with SIANK 4 supports on standing seam sheet.*



## PATROL LIFELINE COMPONENTS



n.	CODE
1	SIANK4
2	SIANKINT
3	PATROLTERM
4	SPEAR2
5	PASINT / PATROLMED / PATROLINT
6	SLIDE1 / SLIDE2
7	CABLE

## TECHNICAL DATA\*

substructure	minimum thickness
 Fe	0,5 mm
 Al	0,7 mm
 Cu	0,5 mm
 Zn - Ti	0,7 mm
 stainless steel	0.4 mm

		with SPEAR2
minimum spacing	$X_{min}$ [m]	4
maximum spacing	$X_{max}$ [m]	8
maximum recommended system length	L [m]	50
maximum deflection	$Y_{max}$ [m]	1,60

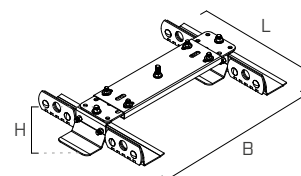


\* The values indicated are the result of experimental tests carried out under the supervision of third parties in accordance with the standard referred to. For a calculation report with minimum distances according to the relevant standard requirements, the substructure must be checked by a qualified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

## SIANK 4 | CODES AND DIMENSIONS

A2  
AISI 304

CODE	description	material	B [mm]	H [mm]	L [mm]	pcs
SIANK4	lifeline support	AISI 304 stainless steel grade 1.4301	430-600	90	400	1
SIANK465	lifeline support	AISI 304 stainless steel grade 1.4301	430-600	113	400	1



## SIANKINT | CODES AND DIMENSIONS

CODE	description	material	B [mm]	H [mm]	L [mm]	pcs
SIANKINT	intermediate lifeline support	AISI 304 stainless steel grade 1.4301	163	80	400	1
SIANKINT65	intermediate lifeline support	AISI 304 stainless steel grade 1.4301	104	113	400	1

