

SECUROPE ON STANDING SEAM ROOF

SECUROPE SUR TOITURE A JOINTS DEBOUTS
SECUROPE SOBRE CUBIERTA DE JUNTA ALZADA
SECUROPE AUF FALZDACH
Code N° ASSY SECU 004

June 2015

DESCRIPTION

Fallprotec has designed fasteners to allow the fixing of Securope life line on fragile structure like standing seam roof.

The force applying on end anchors should be below 12 kN in the event that the Securope is installed on standing seam roof. To fulfil this requirement it is necessary to limit the number of users attached on the line, to reduce the span between two anchors and to install an energy absorber on one end anchor. Standing seam roofs represent the state of the art in roofing today, offering service life and dependability measured in decades. Attachment of rooftop ancillary items, however, has been difficult and often the source of leaks and maintenance problems. Securope fixing assembly to attach life line on standing seam roof, without piercing the panel, does not jeopardize the integrity of the roof. Standing seam roof consists of a corrugated metal sheet, fixed on purlins. The corrugated metal sheet varies according to manufacturers, in dimensions and material.

The fixing assembly consists of:

- The end or intermediate anchor or anchor point.
- The cross members
- The clamps

TECHNICAL SPECIFICATION

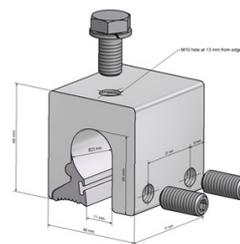
Delivered with an installer and user manual



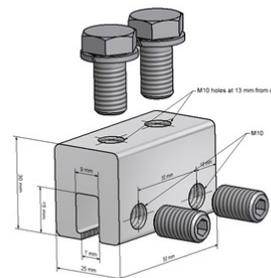
Compliant with EN795 Type C
MADE IN EU



Test certificate n°20461358



Fixing assembly LDV024 fitted with "Z" clamps



Fixing assembly LDV020 fitted with "E" clamps

TEC0026-UK-SecuRope on standing seam roof

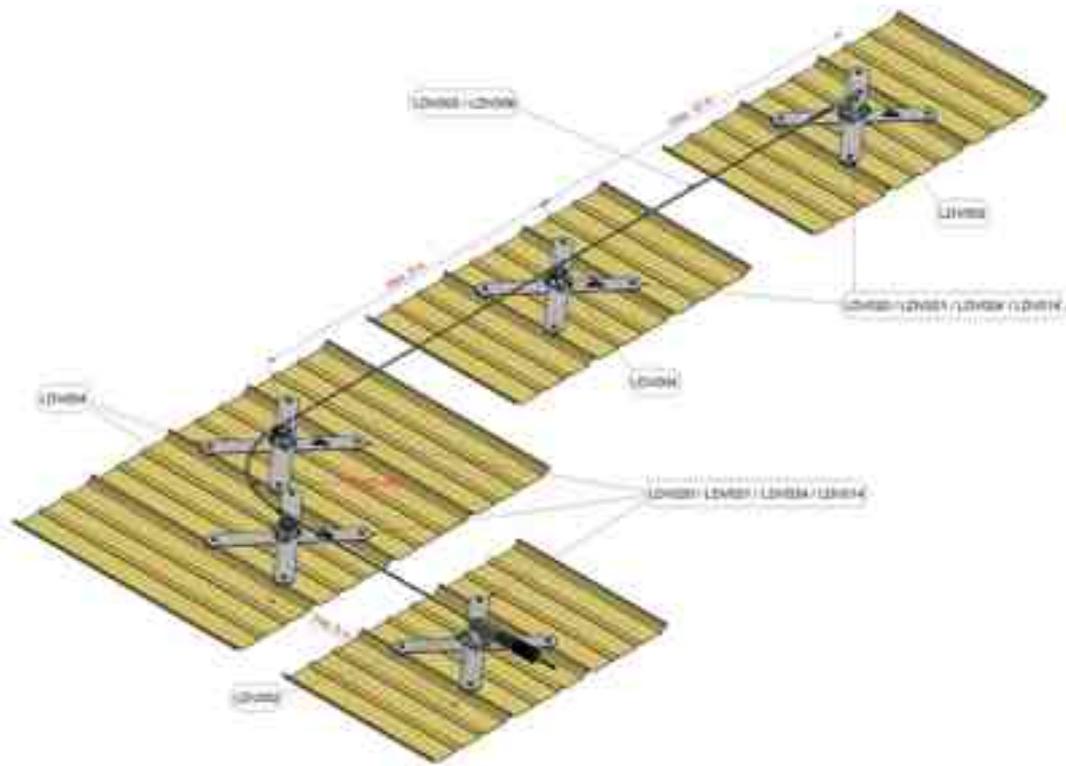
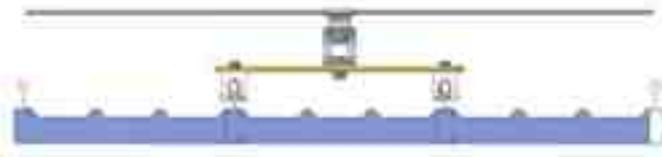
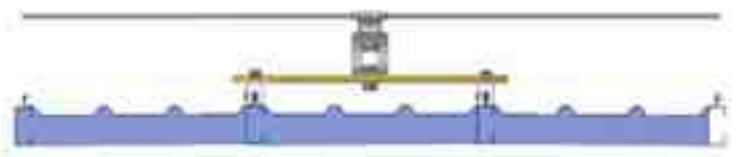


Fig. 1. Typical configuration: Securope lifeline on standing seam



Fixing assembly LDV024 fitted with "Z" clamps



Fixing assembly LDV020 fitted with "E" clamps



All load incurred on the clamp will be transferred to the panel seam. Panel attachment and structural characteristics must be adequate to withstand such loads. Clamps have been laboratory tested on various seam types, profiles and materials for ultimate tensile failure loads parallel to panel seam, see tables on installer manual. For end anchors the maximum load shall not exceed 12 kN and for intermediate anchor, it will not exceed 6 kN, a safety factor of 2 should be used. The Securope life line parameters (length of cable, span between anchors and number of users) will be chosen to limit the force imposed on the end anchors to 12 kN max. The force imposed on the intermediate anchor is 6 kN. In general, 4 clamps per fixing assembly are enough, a safety coefficient of 2 should be considered for the calculation of the quantity of clamps on the fixing assembly. If any doubt, send the parameters of your project to Fallprotec.

TEC0026-UK-Securope on standing seam roof



Code N°	Weight	Description	Availability
LDV020	6,8 kg	Fixing assembly on standing seam roof type "E" span 30 to 50 cm SS304. 1 per anchor	Available from stock
LDV021	7,15 kg	Fixing assembly on standing seam roof type "E" span 40 to 60 cm SS304. 1 per anchor	Available from stock
LDV024	9,1 kg	Fixing assembly on standing seam roof type "Z" span 30 to 50 cm SS304. 1 per anchor	Available from stock
LDV014	9,1 kg	Fixing assembly on standing seam roof type "Z" span 40 to 60 cm SS304. 1 per anchor	Available from stock
LDV089	6,8 kg	Fixing assembly on standing seam roof type "B" span 30 to 50 cm SS304. 1 per anchor	Available from stock
LDV099	9,1 kg	Fixing assembly on standing seam roof type "S" span 40 to 60 cm SS304. 1 per anchor	Available from stock
V-S5-E	0,109 kg	Clamp S5-E for standing seam with double folds in alu	Available from stock
V-S5-Z	0,254 kg	Clamp S5-Z for standing seam shaped bulb	Available from stock
V-S5-T	0,226 kg	Clamp S5-T for standing seam with double folds shaped T or L in alu	Available from stock
V-S5-S	0,218 kg	Clamp S5-S for standing seam with double folds in alu	Available from stock
V-S5-B	0,109 kg	Clamp S5-B for standing seam double folds in copper	Available from stock

TEC0026-UK-SecuRope on standing seam roof