

Declared Performance of the Product

Anchor Loop

- 1 Designation and trade name of the construction product:
Product kit for the installation of fixed anchor points in accordance with the system: Anchor loop
- 2 The construction product's type designation/names per constituent component:
- **Anchor loop, smooth roof**
 - **Mounting plate, shingle**
 - **Mounting plate 375 x 375 mm**
 - **Mounting plate, wire, profiled sheet metal roof**
 - **Bolt kit for anchor loop 5 pcs**
 - **Riser, smooth roof**
- 3 Intended Use for the Construction Product:
- **Attachment of personal fall protection equipment for one person**
 - **Installation on intended roof types in accordance with the specification on page 2**
- 4 Manufacturer's Name and Contact Address:
CW Lundberg Industri AB
Landsvägen 52, Box 138, 792 22 Mora, Sweden
- 5 Authorised representative, if such has been appointed: **Not applicable**
- 6 Assessment and inspection of performance:
Assessment and continual inspection performed by supervisory body, and in-house inspections.
- 7 Technical specifications:
Supervisory body, Research Institutes of Sweden (RISE)
Certificate 12 71 01

Applied technical specification: EN 516:2006

- 8 Construction product's performance:

Essential properties	Performance	Remarks
Mechanical strength		-
- Static load (class 2 according to 7.1)	≥ 10 kN	
- Dynamic load (class 2 according to 7.2)	≥ 100 kg	
Exterior reaction to fire (according to 7.3)	B _{roof}	
Corrosion resistance (according to 5)	Satisfies	

- 9 The performance for the aforementioned product is complies with the Performance of the product criteria set out in Section 8.
This document is issued at the responsibility of the manufacturer in accordance with Section 4.

Signed on behalf of the manufacturer by:



Thomas Lundberg
Managing Director

Mora, 26 April 2022



The product information stated below does not constitute a portion of the declared Performance of the product.

The manufacture issues additional information about the product which affects or which may affect its use.

Installation of the anchor loop is done in accordance with Installation Instruction M-085, on PVC, ECB/FPO-based membranes in accordance with installation M-349, on bitumen-based membranes in accordance with M-350, on shingled roofs in accordance with M-132, on weldable EPDM membranes in accordance with M-351 or M-352 and on profiled sheet metal roofs in accordance with M-341.

Optional extra, flag with snow-depth indicator.

Products can be selected in various colours of powder lacquer for design.

Other Performance

<i>Properties</i>	<i>Performance</i>	<i>Technical specifications</i>
Corrosion resistance (corrosivity class C4)	40 years	EN ISO 12944-2
Mechanical strength (class A)	Satisfies	EN 795:1997

Requirements on PVC, ECB/FPO-based membranes

The waterproofing membrane must satisfy the requirements set out in EN 13956, as well as the following requirements:

<i>Properties</i>	<i>Requirement</i>	<i>Technical specifications</i>
Tensile strength	min. 500 N/50 mm	EN 12311-2
Tear resistance	min. 110 N	EN 12310-2
Shear resistance at extensions	min. 450 N/50 mm	EN 12317-2
Peel strength at extensions	min. 150 N/50 mm	EN 12316-2

Requirements for bitumen-based membranes

The waterproofing membrane must satisfy the requirements set out in EN 13707:2004+A2:2009, as well as the following requirements:

<i>Properties</i>	<i>Requirement</i>	<i>Technical specifications</i>
Tensile strength	min. 300 N/50 mm	EN 12311-1
Tear resistance	min. 150 N	EN 12310-1
Shear resistance at extensions	min. 500 N/50 mm	EN 12317-1
Peel strength at extensions	min. 125 N/50 mm	EN 12316-1

Requirements for weldable EPDM membranes

The waterproofing membrane must satisfy the requirements set out in EN 13956, as well as the following requirements:

<i>Properties</i>	<i>Requirement</i>	<i>Technical specifications</i>
Tensile strength	min. 400 N/50 mm	EN 12311-2
Tear resistance	min. 12 N	EN 12310-2
Shear resistance at extensions	min. 200 N/50 mm	EN 12317-2
Peel strength at extensions	min. 80 N/50 mm	EN 12316-2

Choice of attachment in concrete

Installation may only be done with a concrete mount M10 (concrete expander, safety expander or chemical anchor) in at least class A2 that withstands a traction load of at least 10 kN a tensile load of at least 10 kN.

In order to be able to install the anchor loop directly onto concrete, a suitable anchor must be chosen by calculating the load for the class in question on the underlying surface; moreover, one must take into account the type of reinforcement, the distance from the edge and other mounts, the thickness of the concrete and other conditions that may affect the safety of the mount. On the basis of the calculations made and the installation conditions in question, the type and dimension of the anchor is determined, as are the detailed installation instructions that shall be consistent with the manufacturer's instructions.