

CLICKFIT EVO STEELDECK | MOUNTING PROFILE OPTIMIZER READY PORTFOLIO EXPANSION

1.1 WHY MOUNTING PROFILE OPTIMIZER READY?

The solar market is continuously moving and developing. In order to make sure that we, as well as our clients, can continue to meet the demand of the market, we at Esdec also continue to develop. That is why we are introducing the **ClickFit EVO Steeldeck Mounting Profile Optimizer**, a new mounting profile that will be added to the existing ClickFit EVO Steeldeck portfolio.

This mounting profile is a **high mounting profile (h=50mm)** and comes in two types: Portrait and Landscape. Applying the mounting profile Optimizer Ready results in sufficient space to place an **optimizer clamp with optimizer**, and to properly cool it at the same time. The mounting profiles are now available.

The Landscape mounting profile has two additional features:

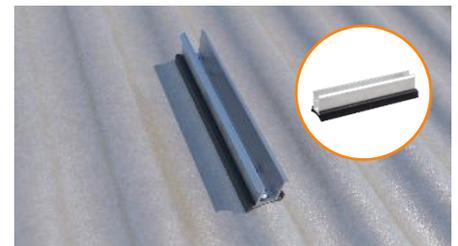
- The Landscape mounting profile has a notch. The notch is a small alignment detail which aids in the alignment of mounting profiles on the roof. Attention: The notch is only present on the Mounting Profile Optimizer Ready Landscape. Also see chapter 1.5.
- The landscape mounting profile can also be used for corrugated steeldeck. This is possible in combination with the **adapter profile**. The mounting profile portrait can be applied to corrugated steeldeck without an adapter profile.



Mounting profile Optimizer ready landscape



Notch



Adapter profile for corrugated steeldeck

1.2 PORTFOLIO EXPANSION

The selection now includes both high and low mounting profiles. The Mounting Profile Optimizer Ready is an addition to the steeldeck portfolio. The currently available steeldeck mounting profiles will continue to be available. The portfolio now consists of four different mounting profiles, see image 1. With the selection of 4 mounting profiles, the portfolio now consists of:



Image 1: Mounting profiles

1.3 CLICKFIT EVO STEELDECK

Like the current basic mounting profiles, mounting the ClickFit EVO Steeldeck mounting profiles Optimizer ready is a quick and easy process. The profiles come with pre-punched holes and pre-assembled EPDM rubber. The mounting profiles can be directly mounted on the steeldeck, without the need for drilling. It is possible to mount the solar panels in either landscape or portrait orientation. The pre-assembled EPDM rubber ensures a waterproof sealing.

1.4 APPLICATION MOUNTING PROFILES

Table 1 below shows the advantages of both the Portrait and the Landscape version.

	NEW			
	MOUNTING PROFILE OPTIMIZER READY		MOUNTING PROFILE BASIC	
	1. Landscape 1008050	2. Portrait 1008051	3. Landscape	4. Portrait
Optimizer applicable	✓	✓	✗	✗*
Notch (alignment detail)	✓	N/A	✗	N/A
Suitable for corrugated steeldeck	✓ (1008082 adapter profile)	✓	✓ (1008081 adapter profile)	✓

Table 1: Application mounting profiles

*) if the low parts of the sheet are deep enough (> 4 or 5 cm)

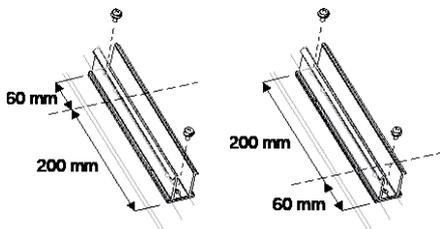
N/A = Not Available

1.5 POSITIONING LANDSCAPE OPTIMIZER READY MOUNTING PROFILE

The Landscape Optimizer ready mounting profile has a different size than the Landscape Basic profile. It is important to properly position the mounting profile. For this reason, the profile and its positioning are explained below.

1.5.1 THE PROFILE

- The mounting profile Optimizer ready has a length of 260 mm. This is because the profile consists of a **short part (60 mm)** and a **long part (200 mm)**;
- The long part offers room for the optimizer;
- The notch can be used as a point of reference during alignment. The notch is placed 60 mm from the end and ends up below the panel edge. This way, the long profile is **asymmetrically positioned** on the roof. In case of the mounting profile Basic landscape, the positioning is symmetrical, and the profile is positioned in the middle.



Proportions of the profile



Room for optimizer

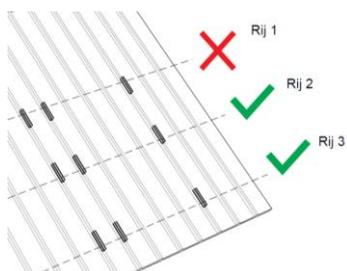


Notch as point of reference

1.5.2 ASYMMETRICAL POSITIONING ON THE ROOF

This paragraph will show what the 'asymmetrical positioning' looks like on the roof.

- In **Row 1**, the short part should be positioned at the top, and in the other rows (**Row 2 and 3**), the short part should be positioned at the bottom, to provide room for the optimizer.
- On the roof, this means that for the **Row 1** mounting profiles, the short part protrudes above. From **Row 2** downwards, the short part protrudes below. In this situation, this means that an optimizer can be placed in **Row 2 and 3**.
- For more information, consult the mounting manual.



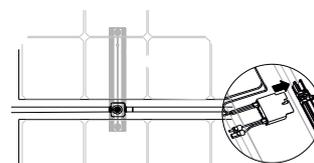
Positioning mounting profile

Row 1
Short part above



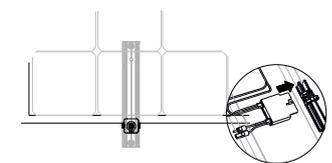
✗ No optimizer

Row 2
Short part above



✓ Room for optimizer

Row 3
Long part above



✓ Room for optimizer

2.1 CALCULATOR

From week 4, the ClickFit EVO Steeldeck Mounting Profile Optimizer Ready will also be available in our calculator. As a result of this addition, a new functionality has been added to the calculator. Via the dropdown menu, an optimizer/micro-inverter can be selected, after which the Optimizer ready mounting profile is automatically selected. This button is in the menu at the top right (1).

See the image below and the table for the changes in the calculator interface.

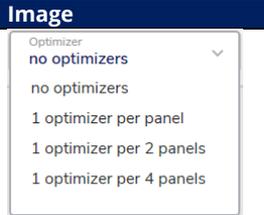
	Explanation	Image
1. Option choice optimizer	Dropdown menu	

Table 2: Calculator changes

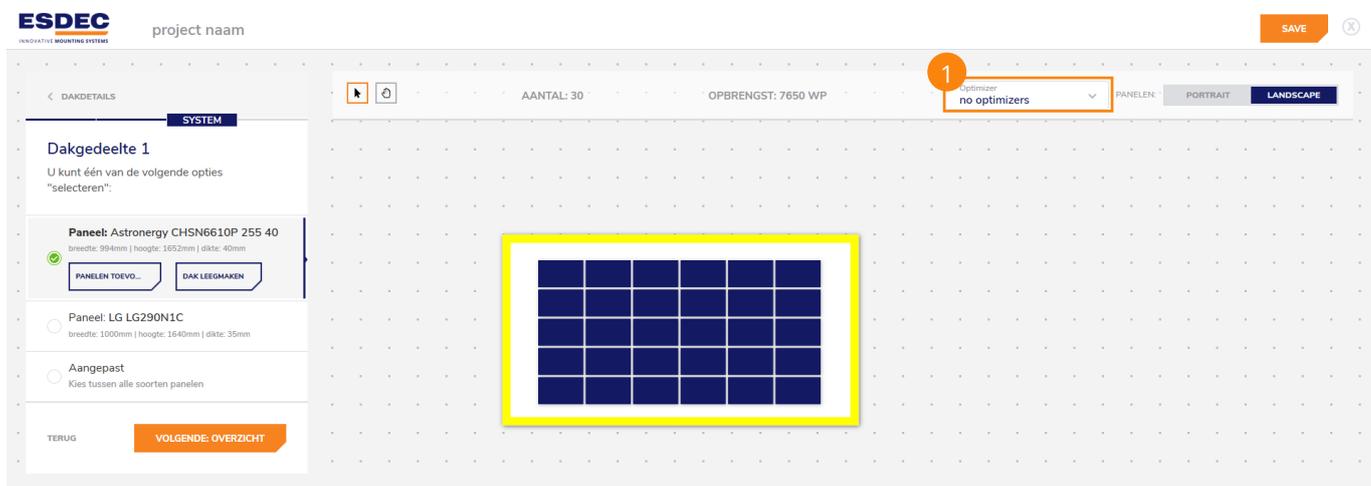


Image 2: Interface calculator

WARNING!

At the moment, an alternative self-tapping screw (1003010) is supplied instead of self-tapping screw (1008080). This means that, instead of T30, you need cap S8 to mount the mounting profiles. For mounting profile Optimizer Ready (the high mounting profile), you also need a bit holder in order to place the screws (see figure 1). This bit holder is not supplied by Esdec. Esdec recommends contacting your tool supplier or the construction market.

This change is temporary. A new solution for this will appear in Q3 2020.



Image 1: Cap S8 and adapter

3.1 PHASING IN PRODUCTS

Table 3 below shows the planning for phasing in the products.

- From week 2, these products will be available;
- From week 3 – Monday 13 January, the products will be visible in 2BA;
- In week 3, the profiles are presented at the Intersolutions trade fair (15 & 16 January).
- From week 4 – Monday 20 January, the products will be visible in the calculator;

	Week 1 30-12 to 03-01	Week 2 06-01 to 10-01	Week 3 13-01 to 17-01	Week 4 20-01 to 24-01
New products		Available	2BA	Calculator
Trade fair			Intersolutions	

Table 3: Phasing in

The products below will be phased in:

Available from week 2	Phase out	Phase in
ClickFit EVO - Mounting profile metal roof optimizer ready - landscape	-	1008050
ClickFit EVO - Mounting profile metal roof optimizer ready - portrait	-	1008051
ClickFit EVO - EPDM 260mm adapter for corrugated HIGH steeldeck, landscape module orientation 260 mm	-	1008082
Already phased into portfolio:		
<i>ClickFit EVO - EPDM adapter for corrugated steeldeck, landscape module orientation 120 mm</i>	-	1008081

Table 4: Phasing in products

3.2 PRODUCT DATA

Table 5 shows the product data of the new products.

Product no.	Description	Price	MOQ	VPE	Net weight (PCS)	Gross weight (BOX)	Intrastat code	EAN code
1008050	ClickFit EVO - Mounting profile metal roof optimizer ready - landscape	€5.55	5200	50	0.268 kg	0.270 kg	76109090	8719925883910
1008051	ClickFit EVO - Mounting profile metal roof optimizer ready - portrait	€7.95	5400	20	0.460 kg	0.462 kg	76109090	8719925883927
1008082	ClickFit EVO EPDM 260mm adapter for corrugated HIGH steeldeck, landscape module orientation 260 mm	€2.80	4800	100	0.065 kg	0.073 kg	40161000	8719925883941
Already phased into portfolio:								
<i>1008081</i>	<i>ClickFit EVO EPDM adapter for corrugated steeldeck, landscape module orientation 120 mm</i>	<i>€1.35</i>	<i>12000</i>	<i>100</i>	<i>0.030 kg</i>	<i>0.038 kg</i>	<i>40161000</i>	<i>8719925882739</i>

Table 5: Product data

AVAILABLE DOCUMENTS

- Brochure
- Manual
- Animation Landscape/Portrait