

## Notification to the certificate or statement for the PanelClaw Wave Solar Panel Mounting System

ENSTALL | **ESDEC** blubase™ Ψ SUNFER © panelclaw®

To whom this may concern,



### Documentation/ information:

In the attached document, (product-)certificate or Enstall (product-)statement, you will find further information about Wave, the PanelClaw mounting system for solar panels on flat roofs. Since this mounting system has previously been validated under the brand name Esdec and the product has remained unchanged, we hereby provide the original documents.

### PanelClaw vs. Enstall

PanelClaw is part of the [Enstall](#) Group: the world's leading supplier of rooftop solar panel mounting systems. Esdec already provided services to this specific C&I (Commercial & Industrial) segment, but has chosen to take these businesses out of the Esdec organization. Expertise and experienced, competent employees with specific market and product knowledge have been transferred from Esdec to PanelClaw.

In short, the information provided here also applies to the PanelClaw Wave mounting system. The name change from Esdec to PanelClaw has no impact. In the event of any changes to this Wave mounting system, Enstall will renew the relevant documents and certificates and make them available (on request).

We trust that we will inform you sufficiently

Date: October 2024

Enstall – Deventer

A handwritten signature in black ink, appearing to read 'Damhuis', with a long horizontal line extending from the end of the signature.

Manager Research, Testing & Certification

Attachment(s):

The Information contained in this writing is for Information purposes only.  
On all our products and services, our general terms and warranty conditions apply; see also [www.enstall.com](http://www.enstall.com)



# Confirmation of Test Result

## Corrosion testing of photovoltaic mounting structure Assessment of effective earth continuity

**Ref.:** Testreport-279586-TL7-2 and Testreport-28384-TL7-1

**Applicant:** ESDEC B.V.  
Londenstraat 16, 7418 EE Deventer, The Netherlands

**Manufacturer:** ESDEC B.V.  
Londenstraat 16, 7418 EE Deventer, The Netherlands

**Product:** PV mounting system ESDEC FlatFix Wave series

**Standard:** DIN EN 60068-2-52:2018-08 Environmental testing- Salt mist  
DIN EN ISO 6988:1997-03 Sulfur dioxide test with general  
condensation of moisture (*Kesternich test*)  
DIN EN 61439-1:2019-04 Low voltage and control gear assemblies  
10.5.2: Effective earth continuity between the  
exposed conductive parts of the class 1  
assembly and the protective circuit

**Type:** ESDEC FlatFix Wave series

**Test conditions DIN EN ISO 6988:1997-03**

Testing Time	24 h
Chamber temperature:	40±3 °C
Test medium	0,2 dm <sup>3</sup> SO <sub>2</sub>

**Test conditions DIN EN 60068-2-52:2018-08**

Severity level:	4
Testing time:	168 h
Chamber temperature:	40±2 °C
Relative Humidity:	93±3 %
Test medium:	5% NaCl
Mist pH level:	6,82

**Test conditions DIN EN 61439-1:2019-04**

Current	40 A
Time	2 min.

**Pass criteria:** Earth continuity: < 0.1 Ω



**Summary of test results:**

**Visual Inspection:** no obvious faults or deficiencies have been found

**Earth continuity test:** required max. 0,1  $\Omega$   
measured max. 0,035  $\Omega$

The complete test results and the relevant bill of materials are given in Test Report No.: Testreport-279586-TL7-2 (FlatFix Wave) and Testreport-28384-TL7-1 (FlatFix Wave C1), makes together ESDEC FlatFix Wave series.

VDE Renewables GmbH

  
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