



Confirmation of Test Result

Corrosion testing of photovoltaic mounting structure Assessment of effective earth continuity

Ref.: Testreport-269666-TL7-1 rev1

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 for flat roofs FlatFix Fusion
PV mounting system for pitched roofs ClickFit EVO

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: FlatFix Fusion (bare metal) & ClickFit EVO (bare metal)

Test conditions DIN EN ISO 6988:1997-03

Testing Time	24 h
Chamber temperature:	40±3 °C
Test medium	0,2 dm ³ SO ₂

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

Severity level:	3
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 Ω
measured max. 0,025 Ω

The complete test results and the relevant bill of materials are given in Test Report No.: Testreport-269666-TL7-1 rev1

VDE Renewables GmbH


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