

Short Form Classification Report No. 21148F

PRODUCT

Clearline PV16-350

SPONSOR

Viridian Solar

PRODUCT DETAILS

Integrated solar panel

- Range of panels: see annex A
- Thickness: 69 mm
- Weight: 21,7 kg / 21,4 kg
- Dimensions: 1686 x 1000 mm / 1640 x 992 mm
- Mechanically fixed

FIELD OF APPLICATION

- Range of pitches: > 10°.
- Supporting structure: as tested.
- Full extended field of application: see Annex A.

CLASSIFICATION

Broof(T4) & EXT S.A.A

STANDARDS

Test standards: CEN/TS 1187:2012 & BS 476-3:2004
Classification standard: EN 13501-5:2016 & PD 476-3:2012

SIGNED

APPROVED

For and on behalf of WFRGENT nv

This short form classification report has been drafted according to EGOLF agreement EGA 039:2021 "Application note: clause 7.8 [7.8/1] – Types of reports". Whilst the test data and classification provided within this short form report was obtained in a test conducted fully in accordance with the standards CEN/TS 1187:2012, BS 476-3:2004, EN 13501-5:2016 & PD 476-3:2012, the presentation of the results in this short form report may not satisfy the requirements of those standards and EN ISO/IEC 17025:2017. The presentation of the results in this manner is made by agreement with the sponsor and use of the information herein for product assessment, approval or certification purposes will be restricted.

The full classification reports Nos **21148D & 21148E** are available at **Viridian Solar**.

This document is the original version of this report and is written in English. This document may be used only literally and completely for publications. For publications of certain texts, in which this document is mentioned, our permission must be obtained in advance. The authenticity of the electronic signatures is assured by Belgium Root CA.

Annex A: Extended field of application

➤ Layer 0: Integrated solar panel

Range of panels:	Clearline PV16-260P-B/W, Clearline PV16-270, Clearline PV16-270P-B/W, Clearline PV16-280, Clearline PV16-300, Clearline PV16-320, Clearline PV16-325, Clearline PV16-330, Clearline PV16-335, Clearline PV16-340, Clearline PV16-345 and Clearline PV16-350
Facing:	Low-iron glass
Backing	PV Backsheet (Black and white)
Thickness:	69 mm
Weight of 1 solar panel:	21,7 kg / 21,4 kg
Dimensions:	1686 x 1000 mm / 1640 x 992 mm
Direction:	Portrait or landscape
Fixation:	Mechanically fixed and installed with the respective flashings including Fusion Portrait Flashing Kits, Fusion Landscape Flashing Kits and Fusion Flashing Kits for Sarking Boards

➤ Layer 1: Non-combustible roof tiles or slates

Range of products:	Any non-combustible tile or slate (A1 according to EN 13501-1)
--------------------	--

➤ Layer 2: Wooden battens

Dimensions:	25 x 50 mm
Density:	450 kg/m ³

➤ Layer 3: Polyethylene vapour barrier

Reaction to fire according to EN13501-1:	E,d2 or better
--	----------------

➤ Layer 4: Supporting timbers

Dimensions:	47 x 70 mm
Density:	450 kg/m ³