

## Short Form Classification Report No. 22059M

### PRODUCT

Clearline PV16-series

### SPONSOR

VIRIDIAN SOLAR LIMITED

### PRODUCT DETAILS

#### Integrated solar panel

- Range of panels: see annex A
- Thickness: 70/69 mm
- Weight: 27,5 kg / 25,0 kg / 23,5 kg / 21,7 kg / 21,4 kg
- Dimensions: 1903 x 1134 mm / 1722 x 1134 mm / 1762 x 1039 mm / 1686 x 1000 mm / 1640 x 992 mm
- Mechanically fixed

### FIELD OF APPLICATION

- Range of pitches:  $10^{\circ} \leq \text{pitch} \leq 70^{\circ}$
- Supporting structure: as tested.
- Full extended field of application: see annex A

### CLASSIFICATION

Broof(T3)

### STANDARDS

Test standard: CEN/TS 1187:2012

Classification standard: EN 13501-5:2016

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". It has not been drafted under the requirements of EN ISO/IEC 17025 accreditation and is not valid to officially classify a product. The full classification report No. **22059L** is available at **VIRIDIAN SOLAR LIMITED**.

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## 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 and Clearline PV16-300, Clearline PV16-320, Clearline PV16-325, Clearline PV16-330, Clearline PV16-335, Clearline PV16-340, Clearline PV16-345, Clearline PV16-350, Clearline PV16-355, , Clearline PV16-360, Clearline PV16-365, Clearline PV16-370, Clearline PV16-375, Clearline PV16-380, Clearline PV16-385, Clearline PV16-390, Clearline PV16-395, Clearline PV16-400, Clearline PV16-405, Clearline PV16-410, Clearline PV16-415, Clearline PV16-425, Clearline PV16-430, Clearline PV16-435, Clearline PV16-440, Clearline PV16-445, Clearline PV16-450, Clearline PV16-455 and Clearline PV16-460
Facing:	Low-iron glass
Backing	PV Backsheet (Black and white)
Thickness:	70/69 mm
Weight of 1 solar panel:	27,5 kg / 25,0 kg / 23,5 kg / 21,7 kg / 21,4 kg
Dimensions:	1903 x 1134 mm / 1722 x 1134 mm / 1762 x 1039 mm / 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 and slates

Range of products:	Any non-combustible tile or slate (A1 according to EN 13501-1)
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### ➤ Layer 2: Wooden battens

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

### ➤ Layer 3: Polyethylene vapour barrier

Reaction to fire according to EN13501-1:	E,d2 or better
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### ➤ Layer 4: Supporting timbers

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