

PHOTOVOLTAIC

# GSE IN-ROOF SYSTEM™

In-Roof Integrated PV system for traditional Photovoltaic Panels

Simple, Quick, Aesthetic, Lightweight,  
Waterproof and Inexpensive



CHUBB®



**CSTB**  
le futur en construction

[www.gseintegration.com](http://www.gseintegration.com)

# PHOTOVOLTAIC

Developed by installers for installers, the **GSE Integration Kit** offers sizeable advantages :

- Easy to install
- Quick to mount : installation time is very valuable to professional installers and we kept that in mind when designing our kit (a 3 to 5kW System installed in 6 hours)
- Lightweight and easy to transport
- Completely Waterproof : ensures a complete watertightness of the PV System
- Flexible : achieve any desired configuration type (landscape, portrait, U-Shape, Pyramid etc), on any roof type
- Shock Resistant
- Climate Resistant (from -30°C to 100°C)
- Fits most existing PV modules
- 100% Recyclable
- Inexpensive : GSE integration kit is to date the most cost efficient In-Roof PV System on the market, making it ideal for roof retrofits and new construction.



## TECHNICAL SPECS

### Available Sizes

Designation	HEIGHT (mm)		WIDTH (mm)	
	from	to	from	to
<b>PORTRAIT PLATES</b>				
Plate 1640 / 992	1600	1680	983	993
Plate 1640 / 1001	1600	1680	992	1002
Plate 1559 / 1046	1535	1615	1037	1047
Plate 1575 / 1053	1535	1615	1044	1054
Plate 1575 / 1082	1535	1615	1073	1083
Plate 1580 / 808	1540	1620	798	809
<b>LANDSCAPE PLATES</b>	from	to	from	to
Plate 1640 / 990 - 1001	952	1032	1632	1641
Plate 1650 / 990 - 1001	952	1032	1642	1651
Plate 1660 / 990 - 1001	952	1032	1652	1661
Plate 1670 / 990 - 1001	952	1032	1662	1671
Plate 1675 / 990 - 1001	952	1032	1667	1676
Plate 1680 / 990 - 1001	952	1032	1672	1681
Plate 1575 / 1082	1042	1122	1567	1576
Plate 1559 / 1046	1046	1122	1551	1560
Plate 1580 / 808	768	848	1572	1581

- **Color** SILVER / BLACK (100% Recyclable)
- **Material** PP - Aluminium - Stainless Steel (100% Recyclable)
- **Temperature Range** -30°C to 100°C (Vicat Softening Point: 148°C)
- **Slope** 12° to 50°
- **Weight** 2 to 3 kg
- **Liability insurance trading and product** Liability insurance - CHUBB
- **Guarantee insurance** Product 10 year guarantee insurance EPERS - SMABTP
- **CEIAB** Ref. 248-SY CEIAB 2012 for all roofs
- **CSTB TEST** Waterproofing and wind resistance 100 % conclusive report : EN-CAPE 16.014C-VO  
Accelerated ageing EMI 13-26044709  
Resistance to wind load  
NF EN 12179 - report CLC14-26052298  
STRESS/WATERPROOFING - Report N°MRF 1526056677-1  
STRESS TEST - Report N° LNE P154794
- **CSTB CERTIFICATIONS** ATEC N°21/16-57validated
- **ETN BT130003 (Alpes contrôle)** Validated modules for french market (List available on our website)
- **Fire tests exposure** Compliance BROOF T1, T3, T4
- **Certisolis** Mechanical loading tests NF61730 and NF61215 report 20131024-005 & report 20140708-001  
Mechanical and climatic validation report 20120903-003
- **BBA** MCS 12 BBA 0156 - confirmed for all modules

## OUR TESTS & CERTIFICATIONS



## CONTACT



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