

PHOTOVOLTAIC

GSE IN-ROOF SYSTEM™

In-Roof Integrated PV system for traditional Photovoltaic Panels

Simple, Quick, Aesthetic, Lightweight,
Waterproof and Inexpensive



www.gseintegration.com

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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
PORTRAIT PLATES				
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
LANDSCAPE PLATES	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 - RSA
- **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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