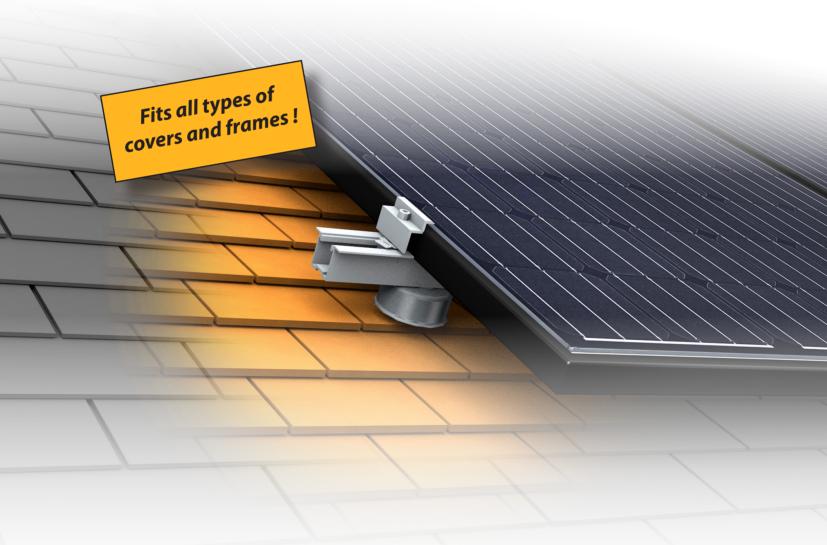
# ROOFTOP PHOTOVOLTAIC

# **GSE ON-ROOF SYSTEM™**

Rooftop mounting system for traditional photovoltaic panels

Universal, cost-saving, exceptional mechanical strength and waterproof...

And the roof cover warranty is still maintained!











www.gseintegration.com



### THE GSE ON-ROOF SYSTEM ADVANTAGES

- Only 3 fixation points on 5m rail
- High mechanical resistance
- Wide-range of the standard rails

- Landscape installation without crossed rails
- Innovative slate and flat tile solution
- Specific solution for curved tiles

### COMPATIBILITY











Curved tile

Slate

Lightly curved tile

Interlocking tile

Flat tile

## TECHNICAL SPECIFICATIONS

- Fits all types of roof covers
- Roof cover warranty maintained
- 100% waterproof and adjustable assembly
- **3 roof fixations** (H: 96 / 136 / 176 mm)
- **5 sizes of rails :** 2.10 / 3.15 / 4.15 / 5.17 / 6,20m
- Transmission of loads directly on the rafter
- Compatible with all module frame sizes

- Compatible for all snow and wind zones to the coast (French-law NV65/ Eurocode 8)
- Complies with the regulations governing the installation of roof coverings
- Mounting clamp with quick insertion
- Materials: Inox / Aluminum / PEHD/ PVC

### **OUR TESTS & CERTIFICATIONS**



#### Mechanical resistance of the support

- CSTB test Report no. FaCeT 18-26075954
  - Tensile strength: 1488 kg/support (1489 daN)
  - Shear strength: 306 kg/support (300 daN)



#### Climatic resistance (Eurocode 1)

- Wind uplift CSTB test (in progress)
- Design values calculated for the system (not incl. rail)
  - Upward/Downward: 6000 Pa
  - Slipping: Snow load 2800 Pa at 25°



#### Waterproofness test

- Wind tunnel (Moby Dick 2) CTMNC



#### Alpes contrôles

- ETN In progress

Compatible avec les éléments de couverture des marques :











### CONTACT



#### **GSE INTEGRATION**