

# GSE IN-ROOF SYSTEM

#### **PORTRAIT EVOLUTION**

BIPV SYSTEM FOR STANDARD PV MODULES

QUICK, AESTHETIC, LIGHTWEIGHT, WATERPROOF AND COST-COMPETITIVE



MADE IN FRANCE

www.gseintegration.com

# GSE IN-ROOF SYSTEM™

# BENEFITS

- Economic: the most competitive system for roof renovations and new constructions
- Easy to install: 10 to 16 panels installed in 6 hours
- Flexible: achieve any desired configuration type (U-Shape, pyramid, etc...)
- Lightweight and space-saving: 116 half-frames per pallet

#### PRODUCT CERTIFIED IN MANY COUNTRIES

- Resistance to fire
- Completely waterproof: ensures complete watertightness of the PV system and the roof
- Optimal ventilation
- High mechanical resistance



#### **UP TO 450 Wp:** 21 available references

Module length: 1610 to 1990 mm Module width: 990 to 1160 mm

## **UP TO 600 Wp:**

New frames for XXL modules

Module length: 1990 to 2180 mm Module width: 990 to 1305 mm

## TECHNICAL SPECIFICATIONS



Roof covering All types



Slope



Weight 2.8 to 3.7 kg/m<sup>2</sup>



Temperature range -30°C to 100°C



Material PP - Aluminium Stainless steel (100% Recyclable)

# CERTIFICATIONS





ETN by ALPES CONTROLE: A27T2109







■ MCS Product Certification Certificate by KIWA: KIWA00041





System Performance Assessment



■ DIBt: Allgemeine bauaufsichtlichen Zulassung no. Z-14.4-817

# FIRE TESTS EXPOSURE

BRoof T1

■ BRoof T3

























**TRAINING** 



**TOOLS AND CALCULATION** 





DOCUMENTATIONS



155-159 rue du Docteur Bauer - 93400 Saint-Ouen - France

THE INSTALLER'S BEST FRIEND

www.gseintegration.com

