

Profile GRECA 70/18 - ONDEX SOLLUX
ROOFING AND CLADDING INSTALLATION

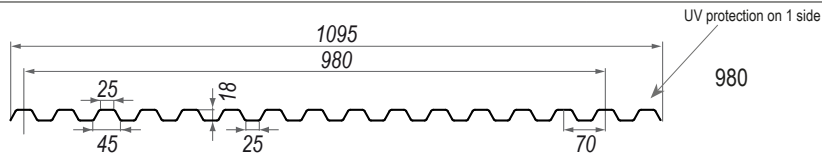
Product

Total width (mm)

Useful width (mm)

GRECA 70/18

1095

**Specifications**

Range	ONDEX SOLLUX
Nominal thickness (mm)	0.9
Material	High Resistance bi-stretched PVC
Profile	GRECA 70/18
Fire rating (EN 13501-1)	B s1 d0
Colour	Crystal - Translucent DIFFU100 - White opaque - Grey opaque
Operating temperature	from -40°C to + 65°C
Maximum sheet length	12 m
Minimum cold bend radius	3.5 m
Minimum width of the support surfaces	Steel purlin: 40 mm - Wood purlin: 60 mm
Minimum slope	With overlapping: $\geq 10\%$ Without Overlapping: $\geq 15\%$
Maximum gap between purlins	1.1 m (See snow downward loads and wind upward loads table)
Overlappings between sheets	from 200 to 300 mm (See drawing)
Additional sealing material (transversal et longitudinal)	If necessary with a light coloured flexible butyl seal

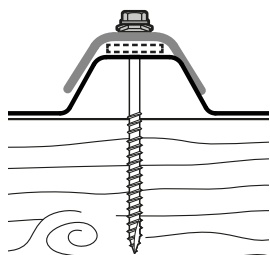
Cutting and drilling of the sheets

Cutting tools	Standard (fine diamond blade or fine-toothed blade)
Compulsory sheets pre-drilling	Diameter 10 mm / conical or centre drill / used at medium speed (for clean drill holes)

Recommended maximum gap between centre line in purlin (m) - According to French regulations NV 65

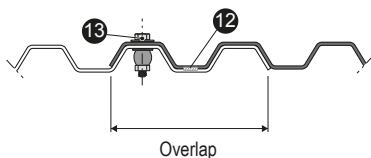
Snow	Normal snow downward load pressure daN/m ²					1/200 th
Range	40	60	80	100	120	150
SOLLUX	1.10	1.10	1.05	0.98	0.92	0.85

Wind	Normal wind upward load pressure (daN/m ²)					1/100 th
Range	40	60	80	100	120	150
SOLLUX	1.10	1.08	0.98	0.91	0.86	0.80



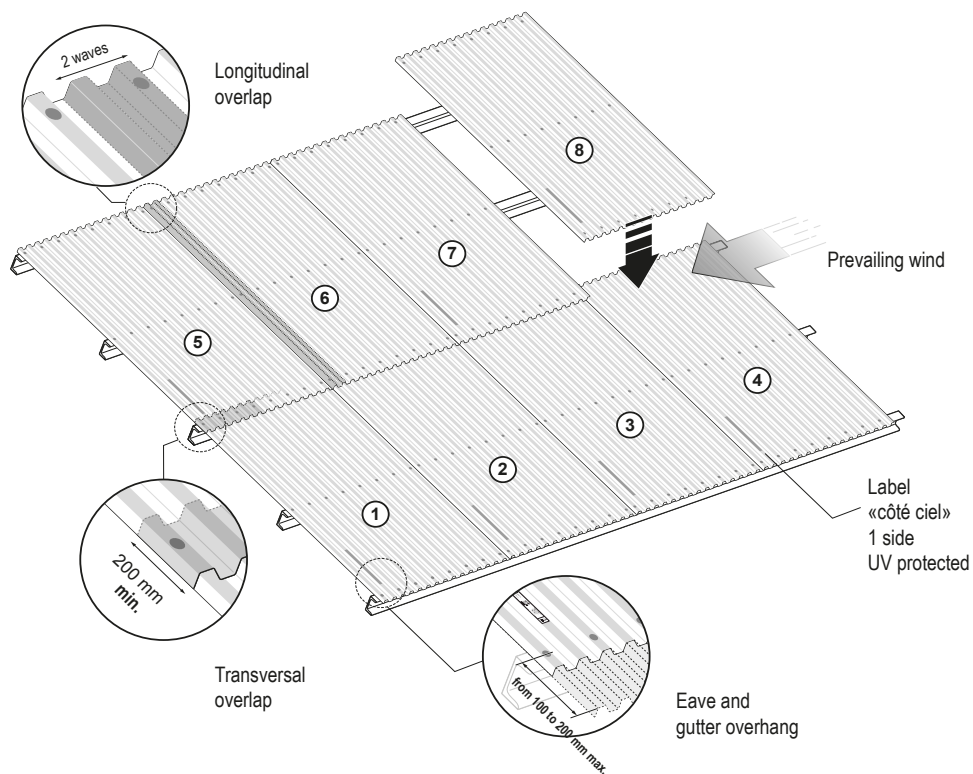
- Self-drilling or self-tapping screw diam. 6 to 7 mm
- Length: 70 mm for timber frame
50 mm for metal frame
- Suitable for the environment (corrosive atmosphere)
- ONDEX GRECA saddle + PVC washer

2 waves overlap and seaming



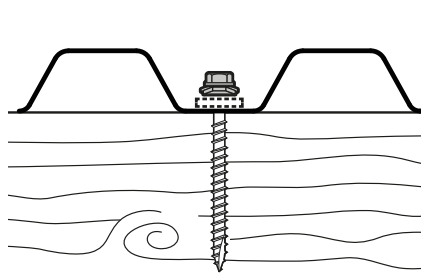
- 13 If the gap between purlins is greater than 80 cm and the structure is in an exposed area, we recommend the use of a plasteseam in the middle of the purlins

- 12 Butyl seal: required for use in the following cases:
- where the slope is less than 15%
 - where a completely watertight seal is required

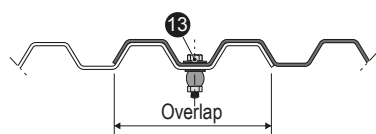


Fixing type		Installation
Flat roof	Sheet edge	Useful width 980 mm
	Middle purlins	Useful width 980 mm
Curved roof *	Sheet edge	Useful width 980 mm
	Middle purlins	Useful width 980 mm

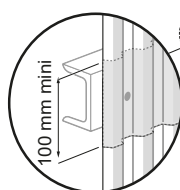
* It is not recommended to overlap sheets over a curved section with a radius of less than 5 metres



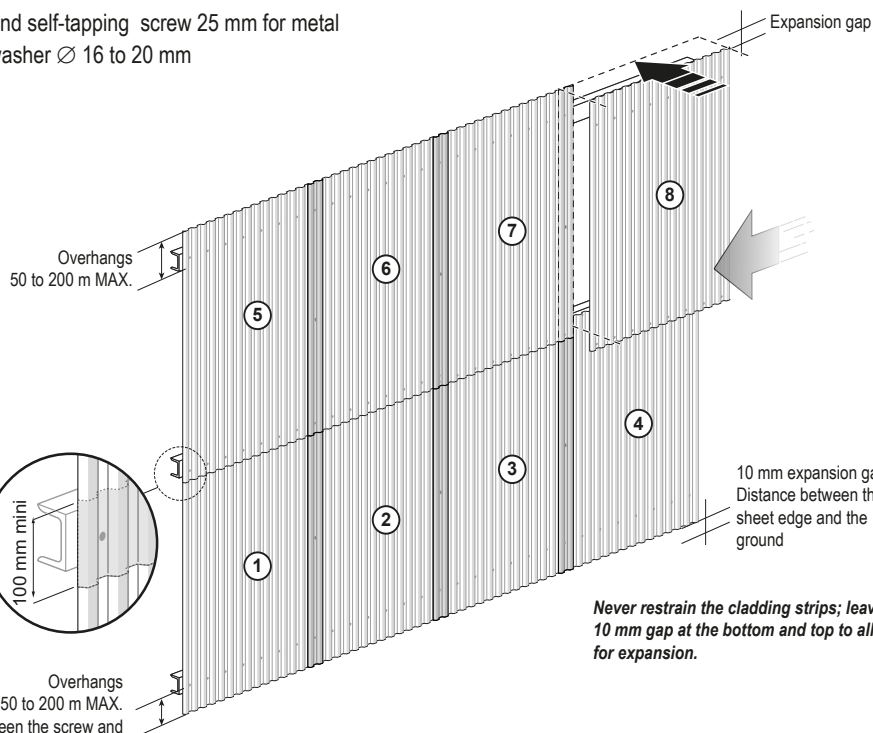
- Self-drilling screw 50 mm for wood
- Self-drilling and self-tapping screw 25 mm for metal
- Vulcanised washer $\varnothing$ 16 to 20 mm



13 If the gap between purlins is greater than 80 cm and the structure is in an exposed area, we recommend the use of a plasteseam in the middle of the purlins



Overhangs
50 to 200 m MAX.
Distance between the screw and the sheet edge



Fixing type	Installation
Sheet edge	Useful width 980 mm
Middle purlins	Useful width 980 mm

CAUTION

→ COUNTRIES OTHER THAN FRANCE: Check the permissible loads, taking into account the calculated spans provided and the regulatory standards in force in the country where the building is located.

→ This synoptic data sheet is not intended to replace a more technical documentation or technical certification with installing instructions. For further information, please contact our technical support on +33 3 80 46 80 52 or our sales manager

65° max. The temperature of the ventilated sheet must not exceed the recommended temperatures.	<200 daN/m² Do not exceed the recommended wind conditions.	Alt. <900 M Do not install at altitudes higher than those recommended	Protect the sheets from sunlight, wind and rain with an opaque white polyethylene tarpaulin during storage and throughout the installation.	Identify the UV protected side "côté ciel" - 1 side
Do not step directly on the sheets	Drill holes and use the screws and accessories as recommended	Check the the maximum gap between purlins according to the loads (snow/wind)	Do not use over insulation, except if in white opaque.	For crystal or translucent sheets, supports and overlappings with other dark coloured sheets must be painted in white.