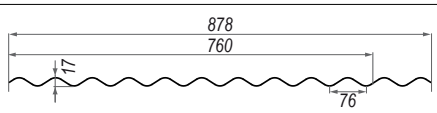
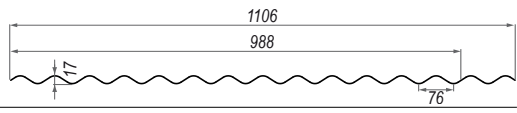


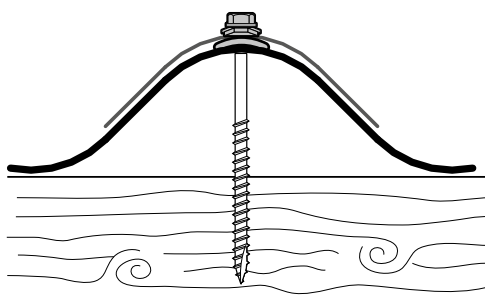
## Profile Sinus 76/18 - 12 waves - 15 waves - HR range HIGH RESISTANCE FOR ROOFING

Product	Total width (mm)		Useful width (mm) Overlapping 2 waves
Sinus 76/18 - 12 waves	878		760
Sinus 76/18 - 15 waves	1106		988

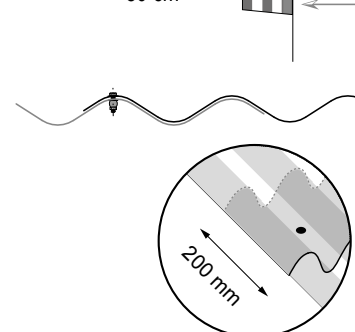
Specifications	
Ranges	ONDEX HR
Nominal thickness (mm)	1.1
Material	High resistance bi-stretched PVC
Fire classification (EN 13501-1)	B s1 d0
Colours	Crystal - Translucent DIFF100
Suitable temperature range	-40°C to + 65°C
Maximum sheets length	8 m
Bend radius	3.5 m
Minimum slope	≥ 10 % or according to specific recommendations
Maximum gap between purlins	1.1 m (see snow downloads and wind uploads table)
Overlaps between sheets	200 mm (see drawing)
Waterproofness seal	If necessary with a clear colour flexible butyl seal
Cutting and drilling of sheets	
Cutting tool	Standard (fine tooth saw)
Compulsory pre-drilling	Ø 10 mm / conical or centre drill used at medium speed (for a clean drilling)

### Fastening

- Self drilling or self tapping screw diam. 6 to 7 mm
- Length : 70 mm for timber support
- Length : 50 mm for metal
- according to environment (corrosive atmosphere)
- Metal washer with neoprene seal or saddle + washer.



Recommended seaming for gap between purlins > 80 cm



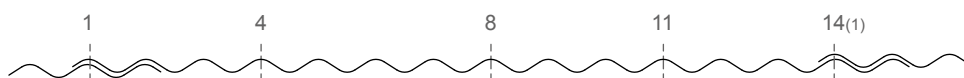
Transversal overlapping 200 mm

→ On intermediate purlins

■ Sinus 76/18 12 waves

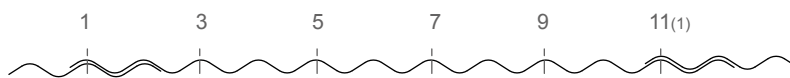


■ Sinus 76/18 15 waves



→ Purlins for transversal overlapping's – ridge purlins, eave purlins and edge purlins

■ Sinus 76/18 12 waves



■ Sinus 76/18 15 waves



**i** It is recommended to use a light coloured flexible butyl seal between 2 sheets to ensure a good waterproofness.

**Recommended gap between purlins (m) - In accordance with the French regulations NV65**

Snow		Downward loads snow pressure (daN/m <sup>2</sup> )								1/100 <sup>e</sup>	
Range	Supports nb	40		60		80		100		120	
		2	3	2	3	2	3	2	3	2	3
HR		1.15	1.15	1.10	1.15	1.03	1.06	0.92	0.99	0.88	0.93

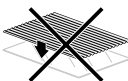




Wind		Upward loads winds depression (daN/m <sup>2</sup> )								1/50 <sup>e</sup>	
Range	Supports nb	40		60		80		100		120	
		2	3	2	3	2	3	2	3	2	3
HR		1.15	1.15	1.06	1.15	0.96	1.10	0.90	1.08	0.84	0.97

**CAUTION**

→ FOR COUNTRIES OTHER THAN FRANCE: check the admissible loads according to the calculated spans and applicable regulatory standards in the country in which the building will be constructed.

→ 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.

→ 1200 joules method of installation: Only for the HR range – 300 mm overlapping and mandatory additional fastening.

 <p>Do not use with insulating materials</p>	 <p>Protect the sheets from sunlight, wind and rain with an opaque white polyethylene tarpaulin during storage and throughout the installation</p>	 <p>Identify the UV protected side(s)* - 1 or 2 sides</p>	 <p>For crystal and translucent, supports and overlapping with other dark sheets must be painted in white. This prevents overheating</p>	 <p>Do not step directly on the sheets</p>
---	---	--	---	---