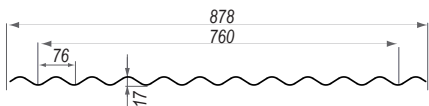
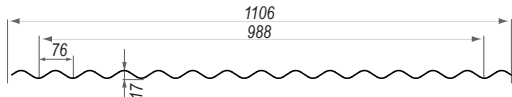


Profile Sinus 76/18 - 12 waves - 15 waves FOR ROOFING

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

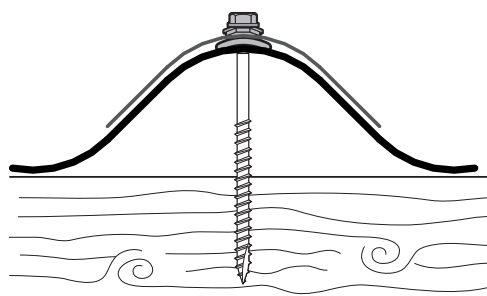
Specifications

Ranges	RENOLIT ONDEX HR	RENOLIT ONDEX SOLLUX	RENOLIT ONDEX ECOLUX
Nominal thickness (mm)	1.1	0.9	0.7
Material	High resistance bi-stretched PVC		
Fire classification (EN 13501-1)	B s1 d0		
Colours	Crystal - Translucent		
Suitable temperature range	-40°C to + 65°C		
Maximum roof length	12 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)		

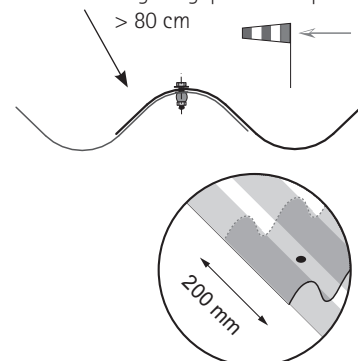
Fastening

- 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.

Range ECOLUX : Space high 18 mm



Recommended seaming for gap between purlins



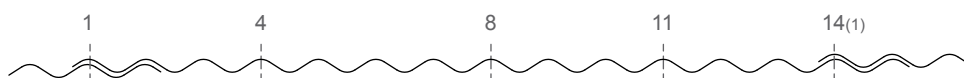
Transversal overlapping 200 mm

→ On intermediate purlins

■ Sinus 76/18 12 waves

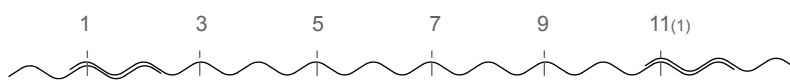


■ Sinus 76/18 15 waves



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

■ Sinus 76/18 12 waves



■ Sinus 76/18 15 waves



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 ²)									
Range	Supports nb	40		60		80		100		120	
		2	3	2	3	2	3	2	3	2	3
HR		1.15	1.15	1.1	1.15	1.03	1.06	0.92	0.99	0.88	0.93
SOLLUX		1.15	1.15	1.07	1.1	0.95	0.99	0.76	0.93	*	0.88
ECOLUX		1.15	1.15	0.93	1.0	0.7	0.91	*	0.85	*	0.74

Wind		Upward loads winds depression (daN/m ²)									
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	1.1	0.9	1.08	0.84	0.97
SOLLUX		1.15	1.15	1.01	1.15	0.92	1.09	0.85	1.04	0.8	0.94
ECOLUX		1.04	1.1	0.91	1.1	0.83	1.06	0.77	0.96	0.72	0.9

* It is recommended to use a superior range

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>
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