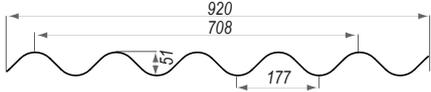
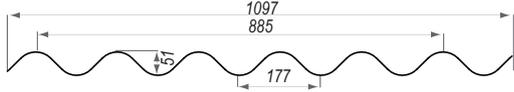
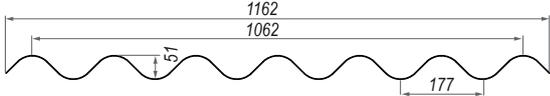


Profile Sinus 177/51 - 5.5 waves - 6.5 waves - 7 waves FOR ROOFING

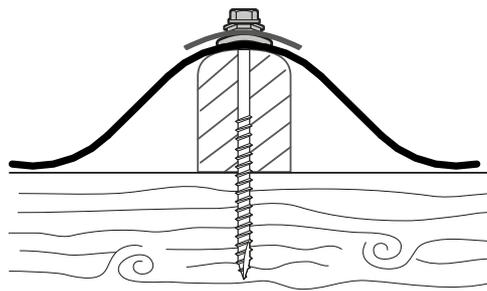
Product	Total width (mm)		Useful width (mm)	
			Overlapping 0.5 wave	Overlapping 1.5 wave
Sinus 177/51 - 5.5 waves	920		873	708
Sinus 177/51 - 6.5 waves	1097		1050	885
Sinus 177/51 - 7 waves	1162		1062	(overlapping 1 wave)

Specifications

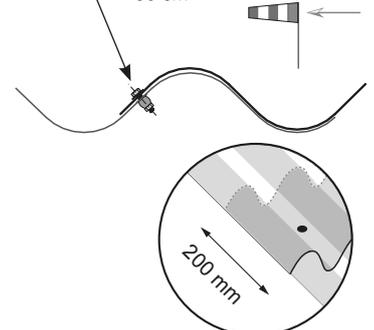
Ranges	ONDEX HR	ONDEX SOLLUX
Nominal thickness (mm)	1.1	0.9
Material	High resistance bi-stretched PVC	
Fire classification (EN 13501-1)	B s1 d0	
Colours	Sinus 5.5 waves and 7 waves : Crystal - Translucent DIFFU100 Sinus 6.5 waves : Crystal - Translucent DIFFU100- White opaque - Grey opaque (according to the range)	
Suitable temperature range	-40°C to + 65°C	
Maximum sheets length	12 m	
Bend radius	18 m	
Minimum slope	≥ 9 % or according to specific recommendations	
Maximum gap between purlins	1.5 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 type	
Compulsory pre-drilling of sheets	∅ 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 : 100 mm for timber support
- Length : 75 mm for metal
- according to environment (corrosive atmosphere)
- Metal washer with neoprene seal or saddle + washer.
- Space high 50 mm

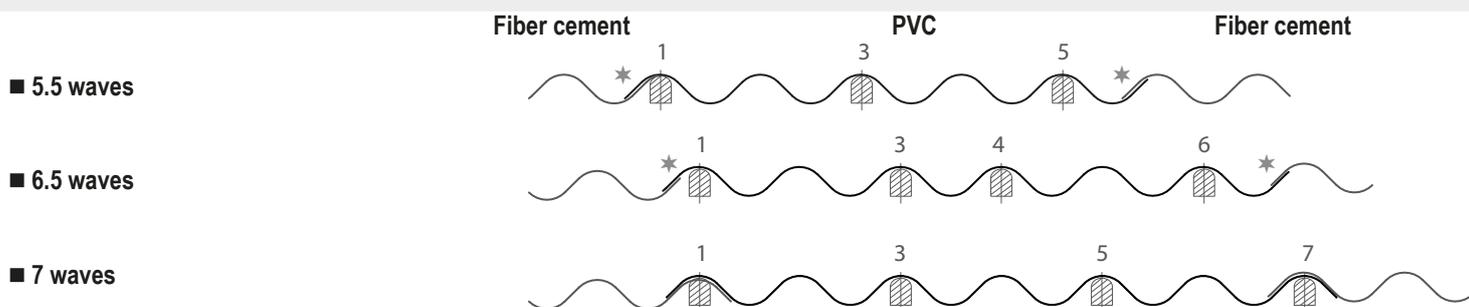


Recommended seaming for gap between purlins
> 80 cm

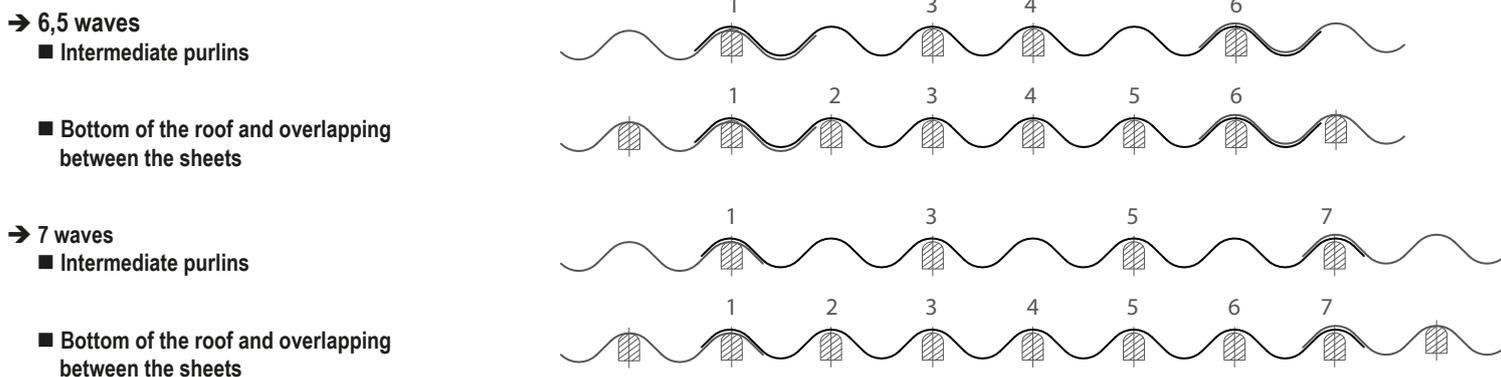


Transversal overlapping 200 mm

ROOFING INSTALLATION IN ASSOCIATION WITH FIBER CEMENT



TOTAL PVC ROOFING INSTALLATION



It is recommended to use a light coloured flexible butyl seal (3 mm thick) 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)								1/100 ^e	
Range	Supports nb	40		60		80		100		120	
		2	3	2	3	2	3	2	3	2	3
HR		1.50	1.60	1.39	1.60	1.25	1.49	1.15	1.39	1.10	1.30
SOLLUX		1.40	1.50	1.30	1.50	1.15	1.39	1.05	1.29	0.90	1.20

Wind		Upward loads winds depression (daN/m ²)								1/50 ^e	
Range	Supports nb	40		60		80		100		120	
		2	3	2	3	2	3	2	3	2	3
HR		1.50	1.60	1.39	1.49	1.26	1.38	1.18	1.25	1.10	1.19
SOLLUX		1.40	1.50	1.30	1.40	1.20	1.30	1.10	1.20	1.00	1.10

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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