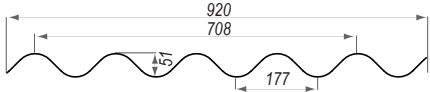
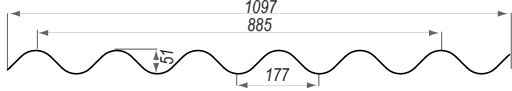
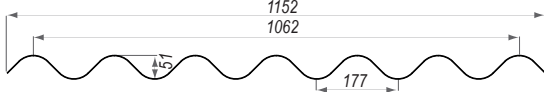


Profile Sinus 177/51 – 5.5 waves – 6.5 waves – 6.75 waves FOR ROOFING

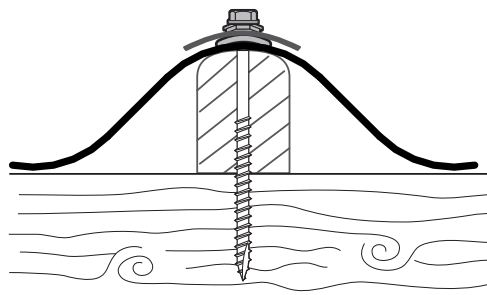
Product	Total width (mm)		Useful width (mm)	
			Overlapping 0.5 wave	Overlapping 1.5 wave
Sinus 177/51 – 5.5 waves	920		873	708
Sinus 177/51 – 6.5 waves	1097		1050	885
Sinus 177/51 – 6.75 waves	1152			1062

Specifications

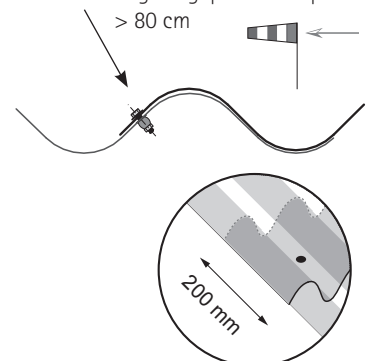
Ranges	RENOLIT ONDEX HR	RENOLIT ONDEX SOLLUX
Nominal thickness (mm)	1.1	0.9
Material	High resistance bi-stretched PVC	
Fire classification (EN 13501-1)	B s1 d0	
Colours	Sinus 5.5 waves and 6.75 waves : Crystal - Translucent	
	Sinus 6.5 waves : Crystal - Translucent - White opaque - Grey opaque	
Suitable temperature range	-40°C to + 65°C	
Maximum roof length	20 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)	
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 : 100 mm for timber support
 - Length : 70 mm for metal
 - according to environment (corrosive atmosphere)
- Metal washer with neoprene seal or saddle + washer.
- Space high 50 mm

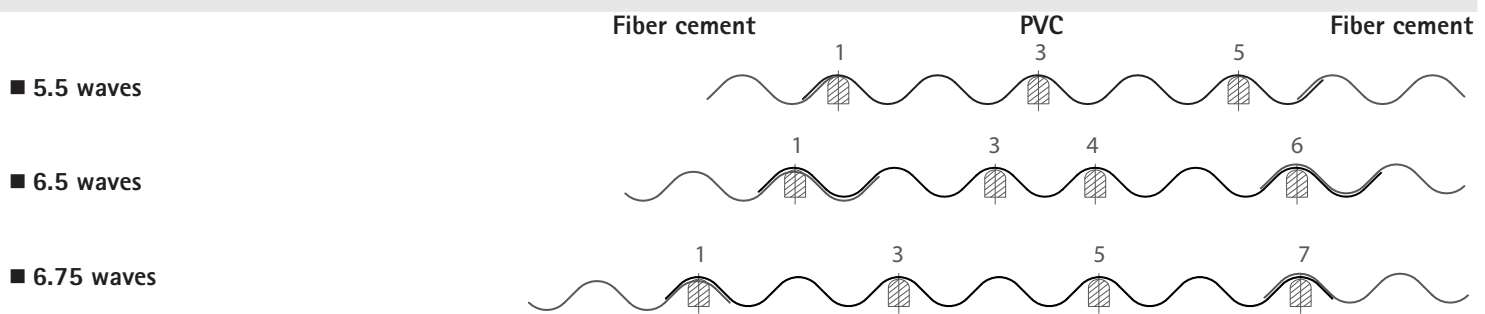


Recommended seaming for gap between purlins

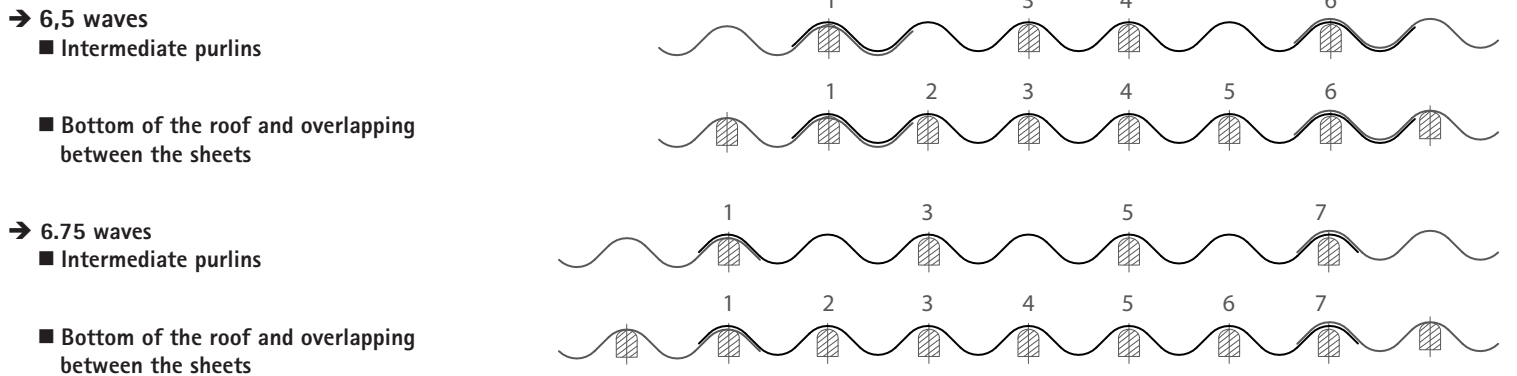


Transversal overlapping 200 mm

ROOFING INSTALLATION IN ASSOCIATION WITH FIBER CEMENT



TOTAL PVC ROOFING INSTALLATION



It is recommended to use a light coloured flexible butyl seal 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		1.5	1.6	1.39	1.6	1.25	1.49	1.15	1.39	1.1	1.3		
SOLLUX		1.4	1.5	1.3	1.5	1.15	1.39	1.05	1.29	0.9	1.2		

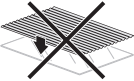




Wind		Upward loads winds depression (daN/m ²)										1/50 ^e	
Range	Supports nb	40		60		80		100		120			
		2	3	2	3	2	3	2	3	2	3		
HR		1.5	1.6	1.39	1.49	1.26	1.38	1.18	1.25	1.1	1.19		
SOLLUX		1.4	1.5	1.3	1.4	1.2	1.3	1.1	1.2	1.0	1.1		

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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