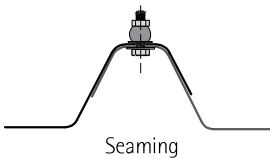
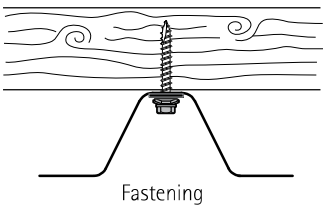


PERFOLUX profile 1070B – translucent perforated sheet
CLADDING ASSEMBLY

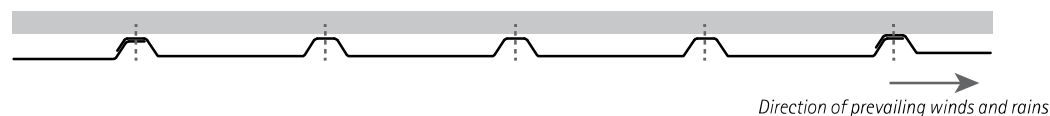
Product	Total width (mm)	Useful width (mm)
		Overlapping 1 corrugation
Profile 1070B	1106	1070

Specifications			
Range	RENOLIT ONDEX PERFOLUX		
Dimentional features (mm)	Thickness: 0,9	Perforations diameter: 5	Space between perforations: 13
	Standard lengths: 1500 – 2000 – 2500		Other lengths on request (max. 5000)
Partial perforations	On request		
Material	High resistance bi-stretched PVC		
Fire classification (EN 13501-1)	B s1 d0		
Colours	Crystal - translucent - opaque (on request)		
Light transmission	64 % for translucent / 82 % for crystal		
Suitable temperature range	-40°C to + 65°C		
UV protection	Both sides		
Windbreak efficiency	90 % (Eiffel Institute)		
Multiplying coefficient	8.6 (Report 14-138)		
Overlaps between sheets	Transversal: 100 mm		Longitudinal: 1 main corrugation
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		

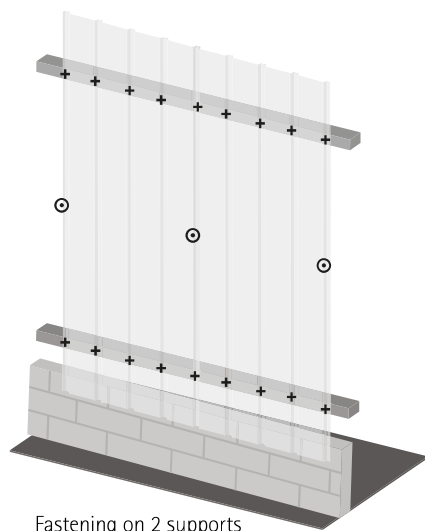
Fastening			
Screw	Timber support	Screw Ø 6,5 x 50 mm	Galvanized hardened steel
		Screw Ø 6,5 x 50 mm	Corrosion-resistant steel (15 Kesternich cycles)
	Metal support < 6 mm	Screw Ø 6,3 x 38 mm	Galvanized hardened steel
	Metal support < 8 mm	Screw Ø 5,5 x 27 mm + washer V11	Corrosion-resistant steel (15 Kesternich cycles)
Integral plate washer with seal	All support types	Ext. Ø 25 mm	1,0 mm thick aluminium EDPM elastomer seal
Seaming with plasteseams		Ø 9,6 mm Length 18 mm	Stainless steel A2 EPDM



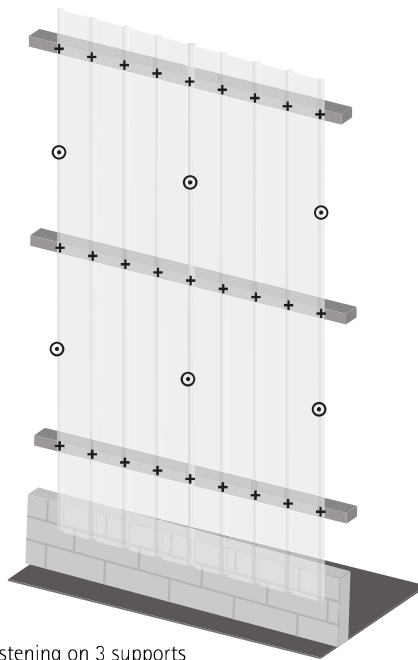
This method of installation optimizes ventilation by a lamellar airflow through the troughs. Besides it allows to evacuate moist flows outwards



- + Fastening in corrugation trough
- ⊙ Seaming



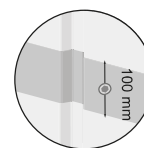
Fastening on 2 supports



Fastening on 3 supports



- Do not place the sheets directly on the ground to:
 - allow surface water to run off
 - prevent the entry of rain water between the sheets
- Eaves at the ends of the sheets must be between 50 mm and 200 mm.
- Never restrain the sheet ends. Allow for a 10 mm expansion gap at each sheet end.



Overlapping

Recommended gap between purlins (m)

Upward loads (wind depression) daN/m ²	Max. gap between purlins (m) Deflection 1/50		Max. gap between purlins (m) Deflection 1/100	
	2 supports	3 supports	2 supports	3 supports
50	1.37	1.50	1.16	1.30
60	1.27	1.44	1.07	1.21
80	1.20	1.35	0.97	1.08
100	1.12	1.26	0.85	0.96
120	1.06	1.20	0.75	0.84
140	0.99	1.12	0.66	0.74
160	0.94	1.05	0.64	0.72

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.

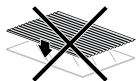
➔ This synoptic data sheet is not intended to replace a more technical documentation or technical certification with installing instructions. For further information, please contact our technical support on +33 3 80 46 80 52



PVC
100 % recyclable product



Protect the sheets from sunlight, wind and rain with an opaque white polyethylene tarpaulin during storage and throughout the installation.



Do not use with insulating materials



Claddings with a low end which is less than 1.5 m from the ground must be protected to avoid potential deterioration through severe impacts (machines or vehicles)



Do not step directly on the sheets