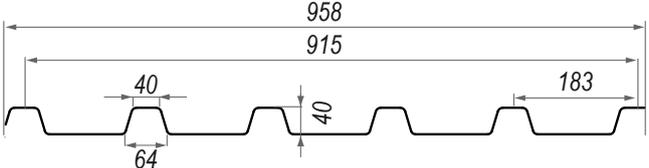


Profile Hoesch 183/40 FOR ROOFING and CLADDING

Product	Total width (mm)		Useful width (mm) Overlapping 1 wave
Profile Hoesch 183/40	958		915

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 DIFFU100
Suitable temperature range	-40°C to + 65°C
Maximum length	12 m
Bend radius	18 m
Minimum slope	≥ 10 % or according to specific recommendations
Maximum gap between purlins	1.5 m (see snow downloads and wind uploads table)
Overlaps between sheets	From 200 to 300 mm (see drawing)
Waterproofness seal	If necessary with a clear colour flexible butyl seal

Cutting and drilling of sheets

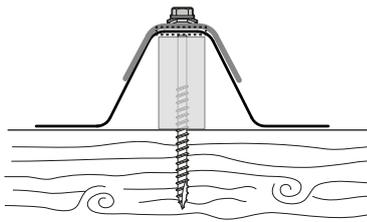
Cutting tool	Standard (fine tooth saw)
Compulsory pre-drilling	∅ 10 mm / conical or centre drill used at medium speed (for a clean drilling)

Fastening

Installation in SIDE I - Roofing



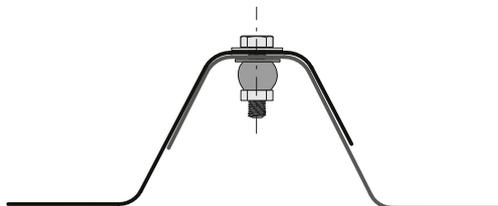
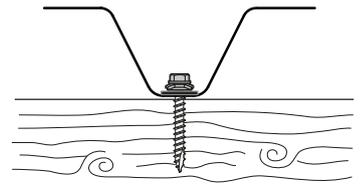
- Self drilling or self tapping screw diam. 6 to 7
- Length : 90 mm for timber support (minimum)
75 mm for metal
- according to environment (corrosive atmosphere)
- Metal washer with neoprene seal or saddle + washer.
- Tube spacer height 40 mm



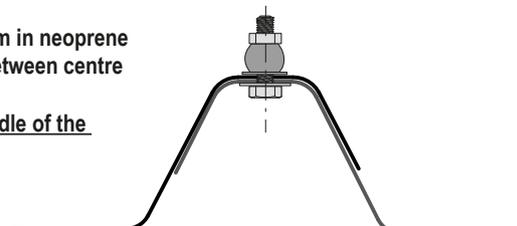
Installation in SIDE II - Cladding



- Screw
- Length : 50 mm for timber support
25 mm for metal
- Metal washer with seal ∅ 19 mm



Seaming with an expansive plasteseam in neoprene rubber is recommended for a space between centre lines in purlin > 80 cm.
It should be positioned in the middle of the longitudinal overlapping.



Installation in SIDE II - Cladding

Fastening of the intermediate purlins



Fastening of the end purlins



Installation in SIDE I - Roofing

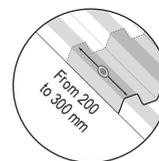
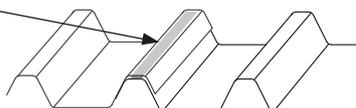
Fastening of the intermediate purlins



Fastening of the end purlins



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 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	1.50	1.41	1.41	1.05	1.05	0.84	0.85	0.65	0.70

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	1.50	1.50	1.50	1.43	1.47	1.15	1.17	0.95	0.98

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 sales manager.

<p>PVC 100 % recyclable product</p>	<p>Protect the sheets from sunlight, wind and rain with an opaque white polyethylene tarpaulin during storage and throughout the installation</p>	<p>Do not use with insulating materials</p>	<p>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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