

RENOLIT ONDEX



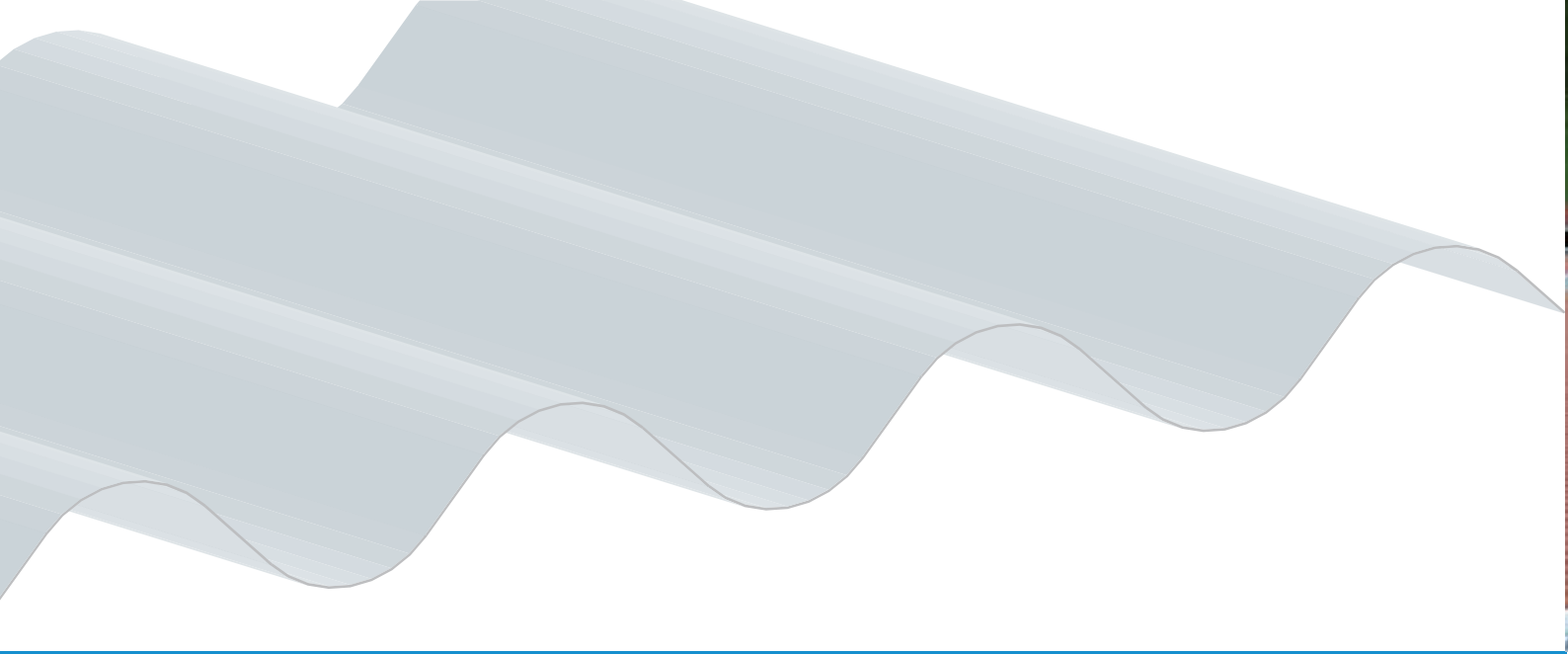
Rely on it.

RENOLIT ONDEX SOLLUX



www.ondex.com

*Solutions
for all
constructions*



Welcome to RENOLIT ONDEX

THE PARTNER FOR ALL YOUR PROJECTS

RENOLIT ONDEX has been a French subsidiary of the RENOLIT AG Group since 2006.

RENOLIT AG is one of the world's leading manufacturers of high-quality films and thermoplastic products. This independent family company has been making its mark in terms of quality and innovation for 60 years. It currently employs 4300 people on more than 30 production and distribution sites. The name RENOLIT is synonymous throughout the world with technical expertise, modern product design and customer-oriented services.

A world player in the field of plastic sheeting, RENOLIT ONDEX has been producing flat and corrugated sheets for more than 40 years.

The manufacturing method - bi-stretching - gives ONDEX products their originality, with incomparable mechanical strength.

RENOLIT Ondex exports more than 80 % of its production. RENOLIT ONDEX sheets are used throughout the world in forty countries.

RENOLIT ONDEX products are used in fields as varied as:

- industrial construction
- building industry
- horticulture and agriculture
- wall protection
- decoration

BI-STRETCHING

AN ONDEX PROCESS WHICH GENERATES OUTSTANDING STRENGTH

The manufacturing process used to produce RENOLIT ONDEX sheets is original and unique in the PVC sheet sector.

RENOLIT ONDEX sheets are produced by a classic extrusion process. But the originality and exclusivity of this manufacturing process lies in its bi-stretching, which consists of stretching the sheets in both directions - in length and width. This creates a mesh in the molecular structure as the threads and weft in fabric. This completely mechanical process is perfectly stable over time and does not require the use of chemical additives which would be likely to speed up ageing of the sheets.

This molecular reorganization gives RENOLIT ONDEX sheets their incomparable strength.



ONDEX Bi-stretched





RENOLIT ONDEX SOLLUX

SOLUTIONS FOR ALL CONSTRUCTIONS

Thanks to the qualities of ONDEX bi-stretched PVC, RENOLIT ONDEX SOLLUX is especially suitable for uses in the agricultural environment

A maximum life span

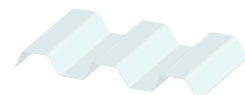
- lasting luminous transmission
- limited dirtying thanks to a smooth and homogeneous material (No moss)
- excellent resistance to chemical aggressions
- easy to clean for maximum hygiene

Increased mechanical resistance to :

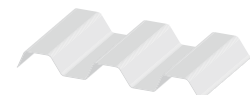
- hail
- pebble projections
- snow falls

Colours

5 standard colours available*



Neutral crystal



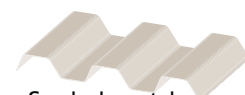
Translucent natural



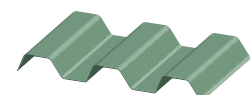
White opaque



Grey opaque



Smoked crystal



Green opaque RAL6021



Beige opaque RAL1019

**Colours available for some profiles, other colours possible upon request
Representation not contractually binding*

Like the HR (High Resistance) range, RENOLIT ONDEX SOLLUX panels are manufactured according to the exclusive process of bi-stretching.

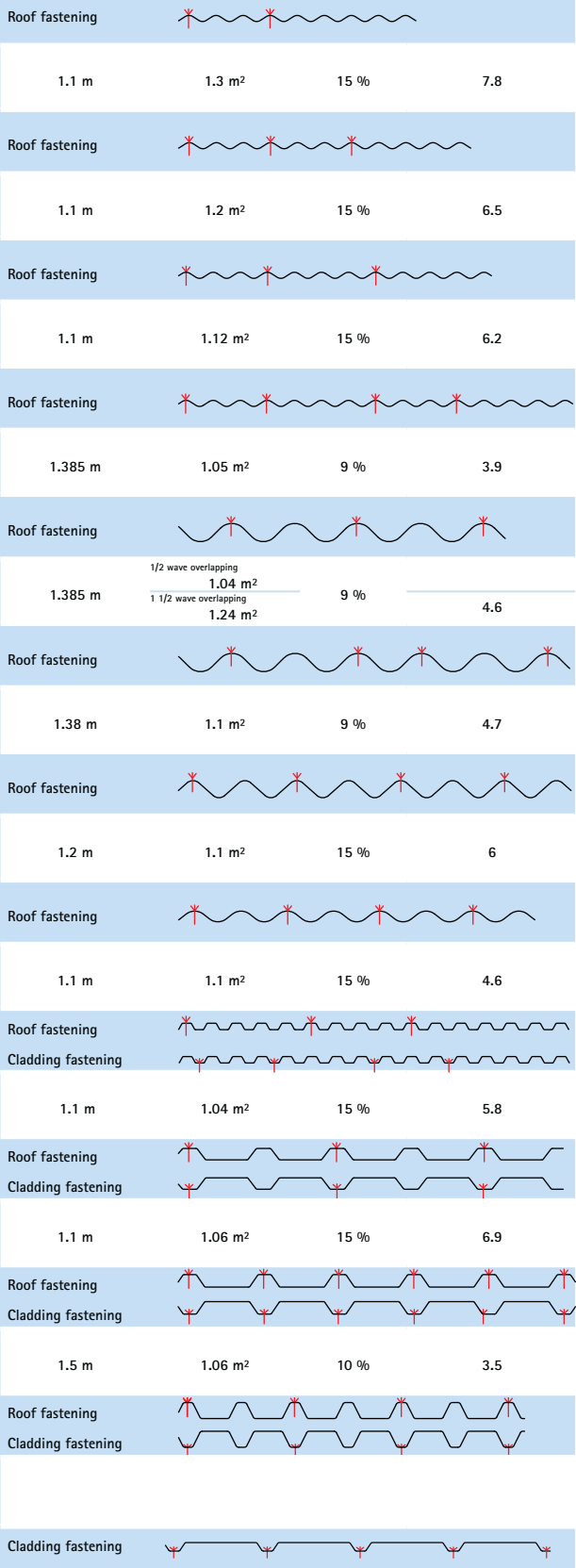
So they have qualities in terms of mechanical resistance which allow them to be used in many fields.

- solidity, mechanical resistance, resistance to hail and shocks
- burning behaviour, classification M1, B1 ... self extinguishing, lets smoke out
- resistance to low temperatures
- resistance to bad weather (rain, snow or wind)
- resistance to ageing
- curvability
- resistance to salty climates
- resistance to chemicals

Profiles

A wide range*

Profile Name	Max. gap between centre line in purlin	Area of sheet for 1 m ² of roofing/cladding	Minimum slope	Average number of main fastenings per m ²
TO 76 x 18 - 9 	1.1 m	1.5 m ²	15 %	9
TO 76 x 18 - 11 	1.1 m	1.3 m ²	15 %	7.8
TO 76 x 18 - 12 	1.1 m	1.2 m ²	15 %	6.5
TO 76 x 18 - 15 	1.1 m	1.12 m ²	15 %	6.2
GO 177 x 51 5.5 	1.385 m	1.05 m ²	9 %	3.9
GO 177 x 51 6.5 	1.385 m	1/2 wave overlapping: 1.04 m ² 1 1/2 wave overlapping: 1.24 m ²	9 %	4.6
146 x 48 - Big 6 	1.38 m	1.1 m ²	9 %	4.7
130 x 30 	1.2 m	1.1 m ²	15 %	6
GRECA 70 x 18 1095 	1.1 m	1.1 m ²	15 %	4.6
137.5 x 17.5 	1.1 m	1.04 m ²	15 %	5.8
210 x 35 	1.1 m	1.06 m ²	15 %	6.9
150 x 45 	1.5 m	1.06 m ²	10 %	3.5
25/1070B 				

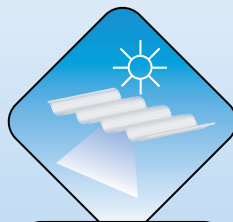


*Contact us for other profiles

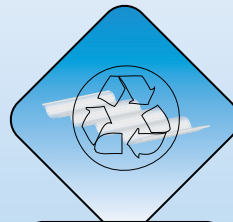
7 good reasons for choosing RENOLIT ONDEX SOLLUX



Shock-resistance



Light transmission



100 % recyclable



Fire classification B1

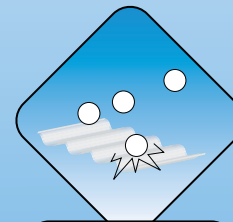


Chemical resistance*

* List on request



Low temperature resistance



Hail resistance



INNOVATION

A priority for RENOLIT ONDEX

The innovative strategy of RENOLIT ONDEX is based on 2 main themes: a permanent policy to improve existing products and the development of new applications.

To meet our customers' growing demands, our Marketing and Research & Development departments are constantly developing new profiles or colours.

Diversification is one of the driving forces of innovation at RENOLIT ONDEX, but it is our customers, above all, who stimulate our creativity.

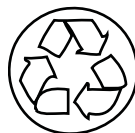
More than 100 new products are launched every year!

SUSTAINABLE DEVELOPMENT

PVC is a 100% recyclable and recycled material...

Eager to protect the environment and conserve resources, RENOLIT ONDEX recycles all its manufacturing waste internally.

Sheets can be collected at the end of their life and easily recycled in specialist sectors, thereby gaining a new lease of life!



vinyl^{plus}



RENOLIT ONDEX SOLLUX sheets application*

QUICK ADVICE FOR A SUCCESSFUL PROJECT!



The temperature of the sheet must not exceed recommended temperatures



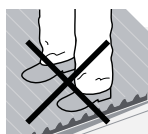
Use the accessories recommended in our installation instructions



Check the altitude of the implementation



Protect the sheets from sun, wind and rain during storage and throughout implementation



Comply with safety regulations. Do not step directly on the sheets



Check centre distances according to snow & wind loading



Check weather conditions (wind, rain, snow)



Make sure the installation «sky side» is identified

*See installation instructions given in our technical documents and installation leaflets

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Non contractual document