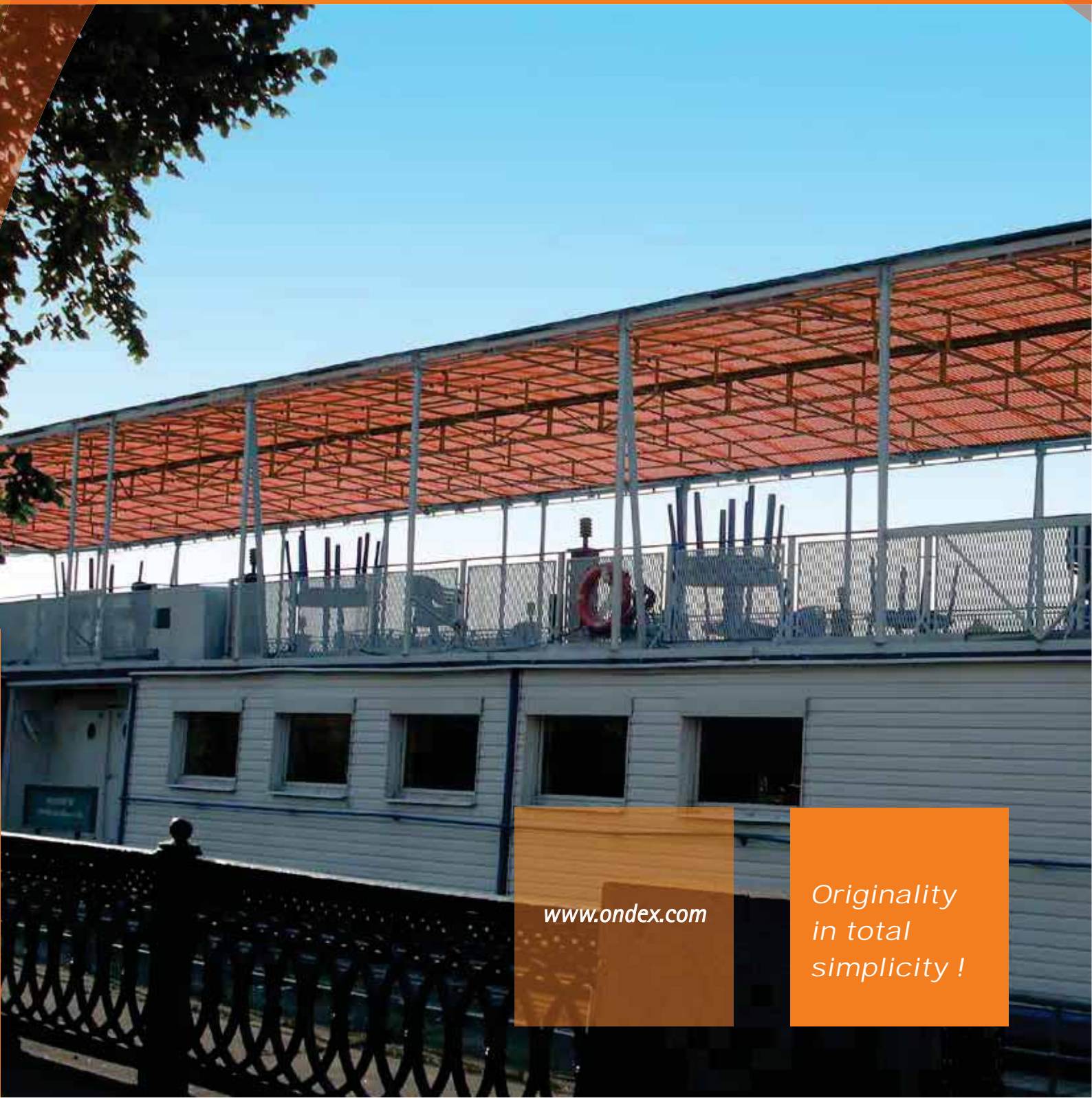


RENOLIT ONDEX



Rely on it.

RENOLIT ONDEX ECOLUX



www.ondex.com

*Originality
in total
simplicity !*

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 RENOLIT ONDEX products their originality, with incomparable mechanical strength.

RENOLIT ONDEX exports more than 80 % of its production. 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





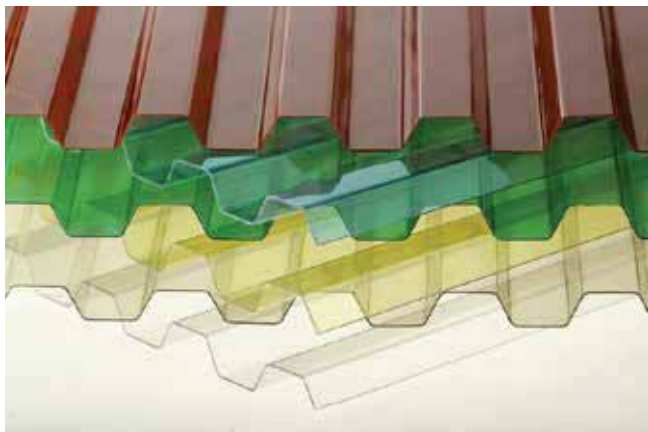
RENOLIT ONDEX ECOLUX

VARIETY FOR ALL YOUR PROJECTS

The range of **RENOLIT ONDEX ECOLUX** sheets is manufactured according to the same process as the HR range: bi-stretching. This is why they have excellent mechanical characteristics.

The variety of profiles and colours fits perfectly in construction projects as varied as :

- pergolas
- canopies
- arbors
- porch roofs
- bicycle shelters
- car ports
- ...



Colours

14 standard colours available*



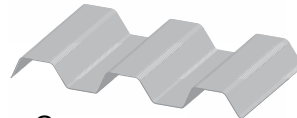
Neutral crystal



Smoked crystal



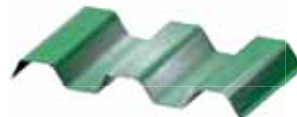
Translucent natural



Grey opaque



White opaque



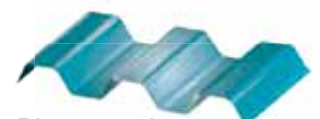
Green crystal



Red crystal



Yellow crystal



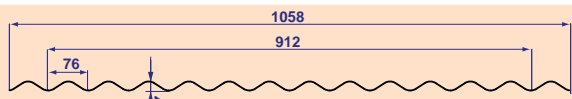
Blue crystal

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

Profiles

A wide range*

TO 76 x 18 - 14



Max. gap between centre line in purlin

1 m

Area of sheet for 1 m² of roofing/ cladding

1.16 m²

Minimum slope

15 %

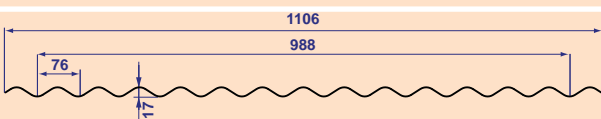
Average number of main fastenings per m²

7.6

Roof fastening



TO 76 x 18 - 15



1 m

1.12 m²

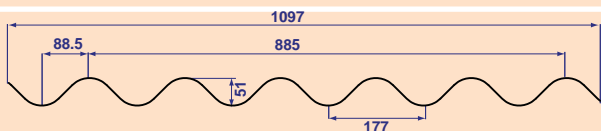
15 %

6.8

Roof fastening



GO 177 x 51
6.5



1.25 m

1/2 wave overlapping
1.04 m²
1 1/2 wave overlapping
1.24 m²

9 %

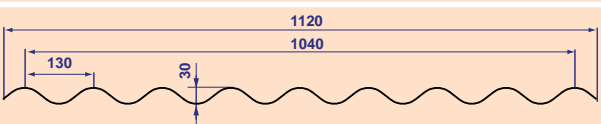
4.8

5.0

Roof fastening



130x30



1.1 m

1.08 m²

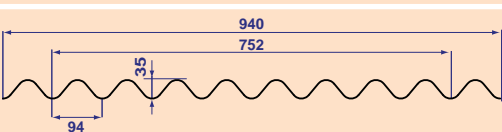
15 %

5.7

Roof fastening



94 x 35



1.1 m

1.3 m²

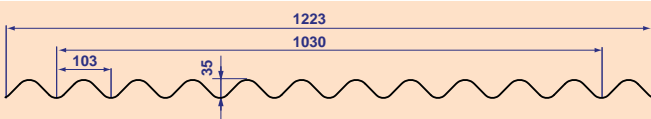
15 %

7.1

Roof fastening



Ondura 103x35



0.6 m

1.2 m²

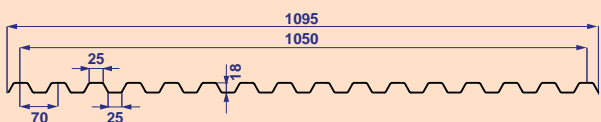
17 %

15.8

Roof fastening



GRECA 70 x 18
1095



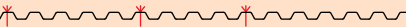
1 m

1.1 m²

15 %

Roofing 5.1
Cladding 6.7

Roof fastening



Cladding fastening

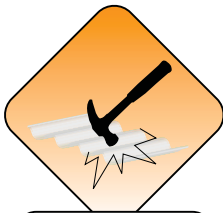


4

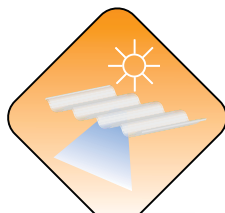
*Contact us for other profiles



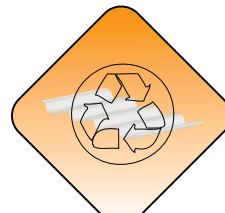
7 good reasons for choosing RENOLIT ONDEX ECOLUX



Shock-resistance



Light transmission



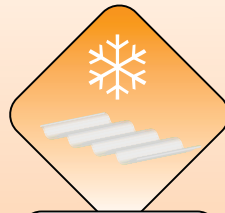
100 % recyclable



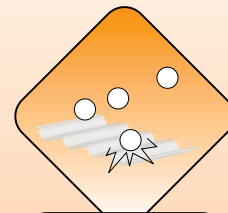
Fire classification B1
Bs1 d0



Chemical resistance*



Low temperature
resistance



Hail resistance

* List on request



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.*

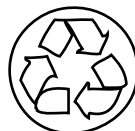
More than 100 new products are launched every year!

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 ECOLUX sheets application *

QUICK ADVICE FOR A SUCCESSFUL PROJECT!



The temperature of the sheet must not exceed recommended temperatures



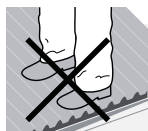
Use the accessories recommended in our installation instructions



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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Rely on it.

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GB 11 004 - 05/2016
Non contractual document