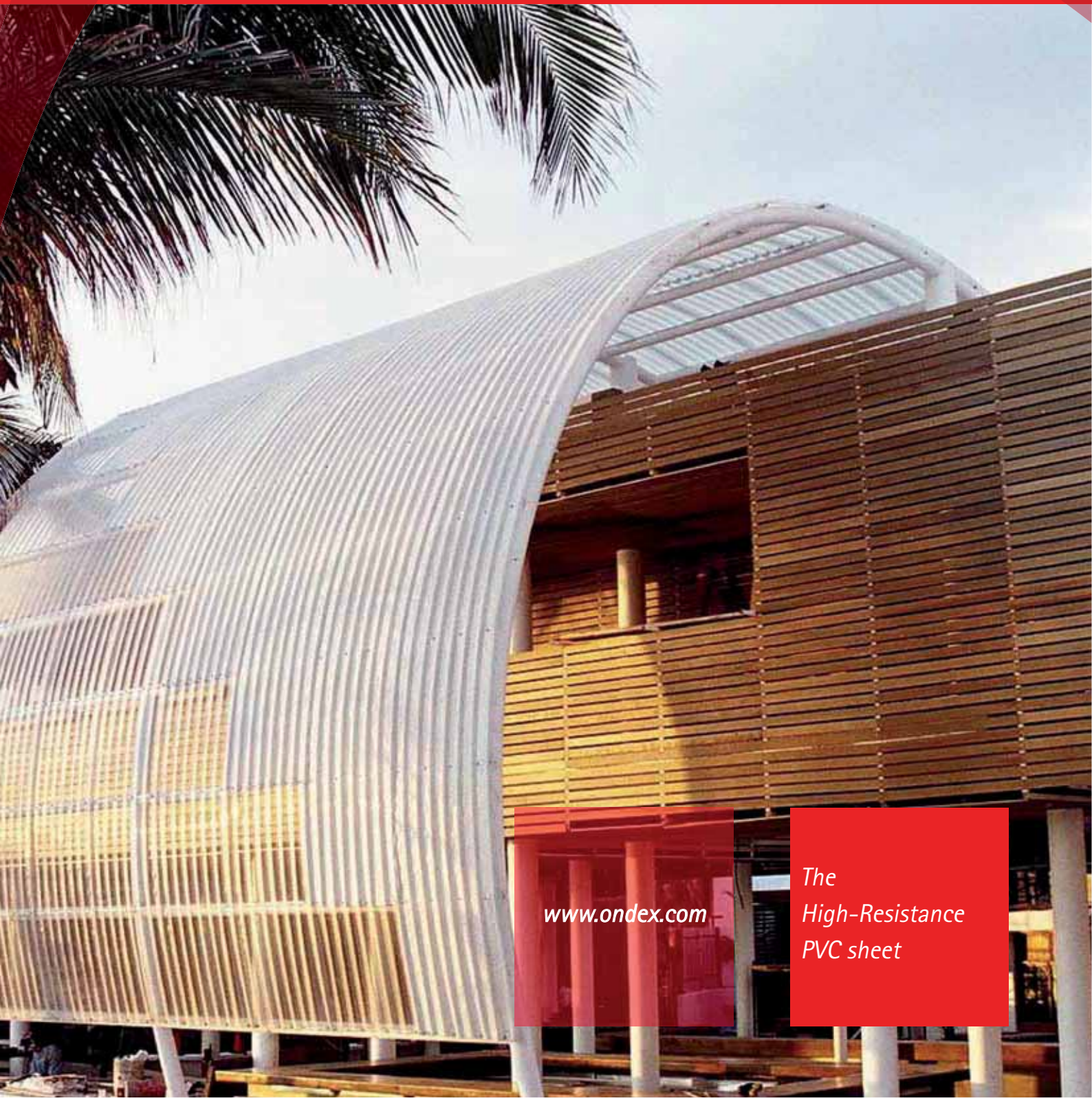


RENOLIT ONDEX



Rely on it.

RENOLIT ONDEX HR



www.ondex.com

*The
High-Resistance
PVC sheet*



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. ONDEX sheets are used throughout the world in forty countries.

ONDEX products are used in fields as varied as:

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



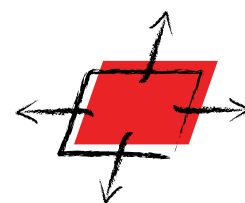
BI-STRETCHING

AN ONDEX PROCESS WHICH GENERATES OUTSTANDING STRENGTH

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

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 ONDEX sheets their incomparable strength.



ONDEX Bi-stretched



RENOLIT ONDEX HR High Resistance

THE REFERENCE IN ROOFING AND CLADDING

ONDEX BI-STRETCHED PVC sheets in the High Resistance range are designed for use in roofing and cladding.

They are particularly suitable for industrial construction.

The qualities of ONDEX HR sheets are such that they can be used in the most difficult environments for high quality constructions:

- Sustainability, durability;
- Strength, 1200 J shock-resistance, mechanical strength, hail and sport ball resistant;
- Fire classification M1, B1, class 1 (BS476-Part 7, Euroclasses), self-extinguishable, smoke extraction;
- Adapted light (crystal, translucent, diffusing ivory or opaque);
- Low temperature resistant
- Weather resistant (rain, snow or wind);
- Ageing resistant (bi-stretching and coextrusion combined);
- Bendability for use on a bent structure (concave or convex);
- Watertightness (dimensional stability);
- Resistant to salt climates;
- Chemical resistance (wide range of resistance);
- Technical certification (Avis Techniques CSTB, 1200 J, Zulassung, ITB Aprobata techniczna, VUPS Certificaeni spolecnost, BG Bau, Class B non-fragile...).



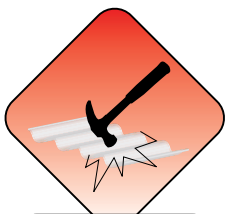
3





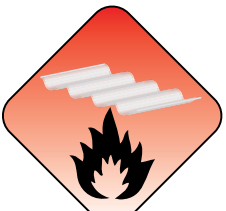
7 good reasons for choosing RENOLIT ONDEX HR

4



Shock-resistance

Very high shock-resistance. ONDEX HR sheets are certified 1200 Joules (50 kg bag falling from a height of 2.4 m)



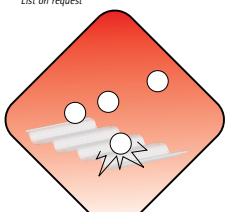
Fire classification B1

No fire propagation and no droplets. Self-extinguishable and retractable, ONDEX HR sheets facilitate smoke evacuation.



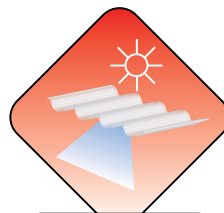
Chemical resistance*

Can be used on chemical or food processing industrial sites. Resistant to urban pollution and salt mist.



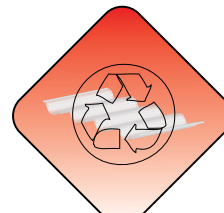
Hail resistance

Hail resistance tested by a throw of marbles weighing 38 g, with a 40 mm diameter at 200 kph at a temperature of 0°C.



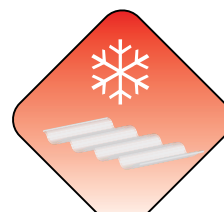
Light transmission

Light transmission appropriate to the application through a range of colours from crystal to opaque.



100 % recyclable

Since PVC is a recyclable and recycled material, ONDEX HR sheets can be used as part of a Sustainable Development Policy.



Low temperature resistance

Even at low temperatures, ONDEX HR sheets retain their performance.

* List on request