

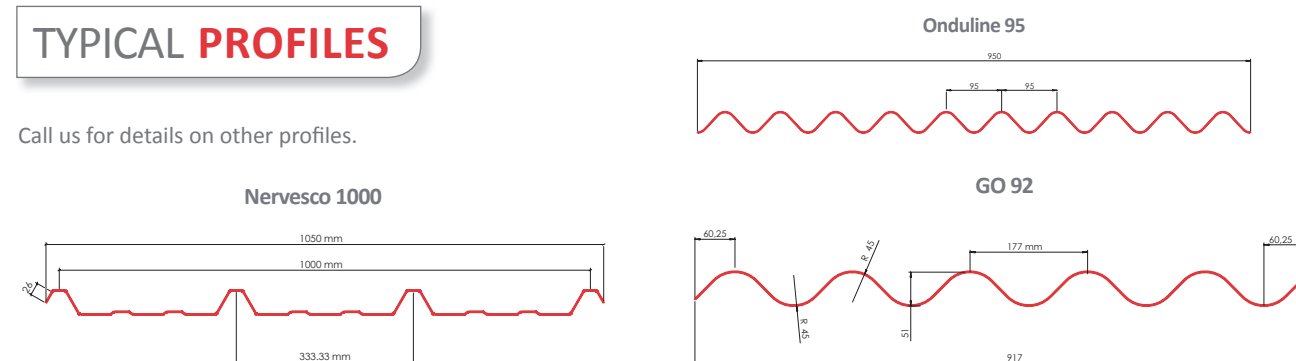
## TECHNICAL SPECIFICATIONS

ONDUCLAIR® PC	
Description	Single-skin daylighting system in polycarbonate (thermoplastic) resin
Usage	Daylighting for roof coverings and claddings, greenhouses
Profile	Typical profiles: GO 92 (177/51), Onduline 95, Nervesco 1000 (other profiles available on request)
Length	From 1.50 to 12 m (other lengths available on request)
Cover width	GO 92 (177/51): 873 mm Onduline 95: 855 mm Nervesco 1000: 1000 mm
Thickness	0.8 mm, 1 mm or 1.2 mm according to profile or length specs
Finish	1 external side UV protection
Colours	Crystal, opal, translucent smoked brown, and opaque white
Fire rating	B-s1, d0
Light transmission	Crystal: 90% Opal: 66% or 46%
Impact resistance	Resistance to soft impact - 1200 Joules*
Service temperature	-30°C to +130°C under continuous exposure
Guarantee	10 years
Standards and ATs	EN 1013

\*Call us for details.

## TYPICAL PROFILES

Call us for details on other profiles.



## ROOFING ACCESSORIES AVAILABLE

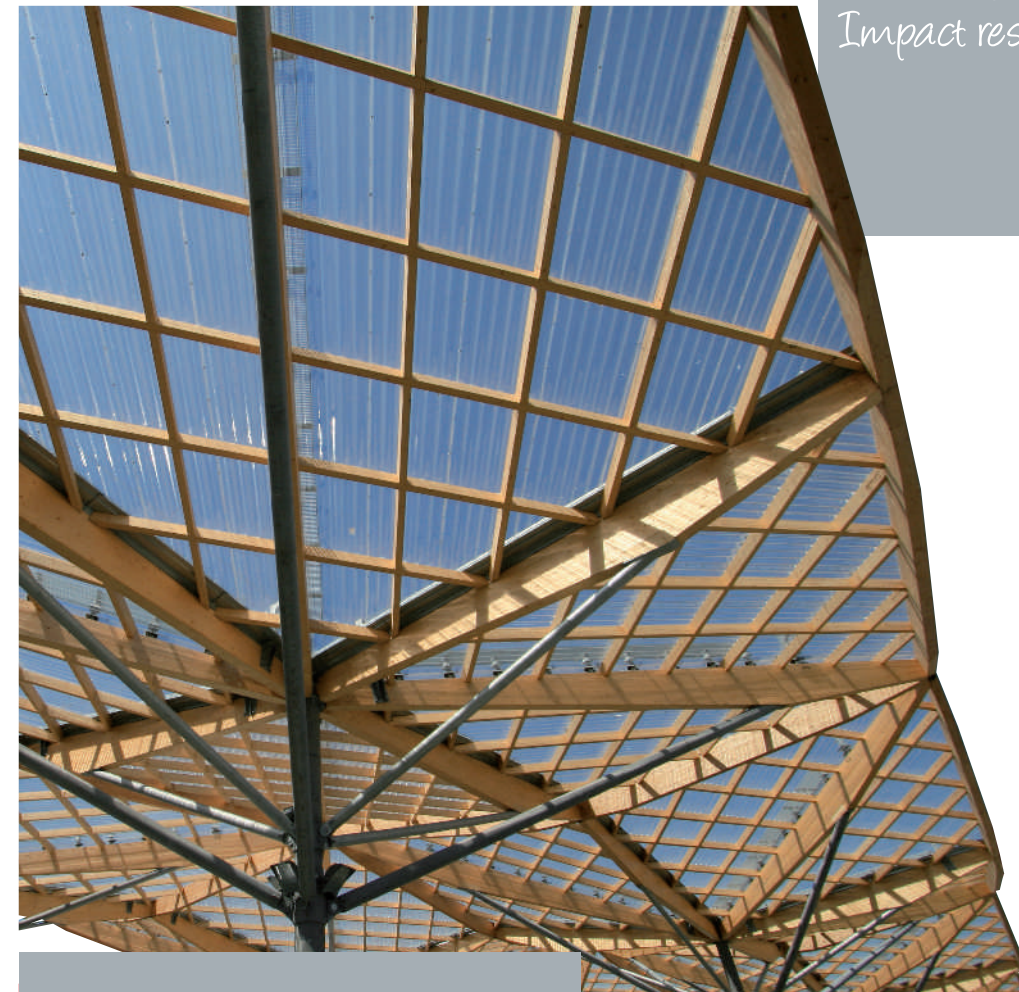
Fasteners (wood and metal screws, profile supports, saddle supports, side lap stitching screws)

**Onduline®** Onduline S.A. - 35, rue Baudin - 92300 Levallois-Perret, FRANCE  
Onduline French limited liability company with managing board and supervisory board, share capital of €11,323,485.05 - R.C.S. Nanterre 552 088 361

# ONDUCLAIR® PC



Transparent  
Fire rating  
Impact resistant



**Onduline®**

[www.onduline.com](http://www.onduline.com)



PUBLIC ACCESS BUILDINGS



FARM BUILDINGS



INDUSTRIAL FACILITY BUILDINGS

## TYPICAL APPLICATIONS

Whatever your project needs or business sector, ONDUCLAIR® PC delivers the right covering or cladding solution.

- Industrial facility buildings
- Farm buildings
- Greenhouses
- Public-access buildings
- Tertiary-sector buildings



Maintenance and service facilities

## ONDULINE, INDUSTRY INSIGHT PUT TO WORK FOR YOU

### Your satisfaction comes first!

- Global presence with agencies in over 100 countries across all 5 continents to reach out to our customers and better capture their needs! A broad product range, industry expertise and market insight to select the best-fit system, from lightweight roofing solutions to exclusively-designed cutting-edge build systems.
- Outstanding expertise in plastics-based covering and daylighting systems (production and marketing since 60 years) to offer you modular technical solutions that seamlessly fit your needs.
- Start-to-finish support throughout your projects: technical service, custom-tailored deliveries, and more.



Sports complex



Greenhouse

## BENEFITS OF THE SOLUTION



UV RESISTANT



IMPACT RESISTANT



FIRE RESISTANT



LIGHTWEIGHT



LIGHT TRANSMISSION

### SUSTAINABLY OPTIMIZES THE TRANSMISSION OF NATURAL DAYLIGHT INTO THE BUILDING

ONDUCLAIR® PC delivers long-term sustainable optical performance (up to 90% light transmission) thanks to an external coextruded UV protection layer.

### CONTROLLED DAYLIGHTING

ONDUCLAIR® PC is available in an opal finish that minimizes glare and distracting shadows (in sunny areas) and creates a stimulating environment within the building (improved concentration and better productivity).

ONDUCLAIR® PC maximizes the transmission of natural daylight creating environments people want to spend time in while reducing energy costs on artificial lighting.

ONDUCLAIR® PC is a daylighting solution designed for roof coverings and claddings, combining **outstanding light transmission with good impact resistance and optimal fire performance.**

### IDEAL FOR GREENHOUSES

In zones where sunlight is low, ONDUCLAIR® PC delivers outstandingly high light transmission (90%) to promote crop productivity. In zones where sunlight is intense, the opal finish (delivering 66% or 46% light transmission) limits the solar radiation and protects light-vulnerable crops. Moreover, ONDUCLAIR® PC reduces heat loss during the night.

### WITHSTANDS EXTREME TEMPERATURES

ONDUCLAIR® PC can be employed in many geographic zones worldwide thanks to its outstanding resistance to temperatures ranging from +130°C down to -30°C.

### IMPACT AND HAIL-RESISTANT

ONDUCLAIR® PC is practically unbreakable under normal use and also recommended for wall cladding in sports facilities so as for regions regularly affected by hail (see Installation Guide).



The nationally-sponsored wholesale fresh produce hub at Lomme (Lille).

*Outstanding light transmission creates a visually comfortable and productive environment.*



School

### FIRST-CLASS FIRE RATING

ONDUCLAIR® PC is rated Euroclass B-s1, d0 and can therefore be employed in a host of different building types.

### OPTIMIZES INSTALLATION COSTS

ONDUCLAIR® PC is a lightweight, manageable, easy-to-lay solution that can be installed on light framing, without overlap (maximum sheet length up to 12 m). The fast installation, with standard tools, so as the lightness of the material also optimizes your implementation and transport costs.