

## TECHNICAL SPECIFICATIONS

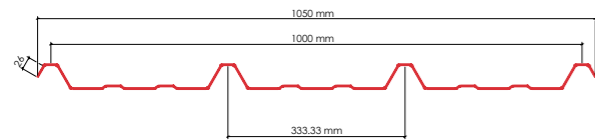
	ONDUCLAIR® PC
Description	Single-skin daylighting system in polycarbonate (thermoplastic) resin
Usage	Daylighting for roof coverings and claddings, greenhouses
Profile	Typical profiles: GO 92 (177/51), Onduline 95, Nervesco 1000 (other profiles available on request)
Length	From 1.50 to 12 m (other lengths 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	-40°C to +110°C under continuous exposure
Guarantee	10 years
Standards	EN 1013

\*Consult us for details.

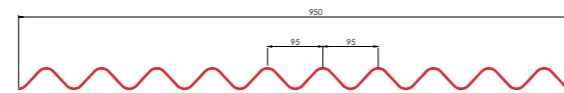
## TYPICAL PROFILES

Consult us for other profiles.

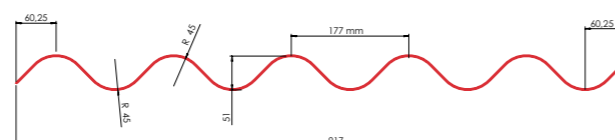
### • Nervesco 1000



### • Onduline 95



### • GO 92



## ROOFING ACCESSORIES AVAILABLE

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



**Onduline®**  
Lightweight roofing systems

Onduline Building Materials (M) SDN BHD  
2715 Mukim 1, Tingkat Peru Sahaan Enam  
Kawasan Perusahaan Perai, 13600 Perai.  
Penang, Malaysia

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

Onduline is a French limited liability company with a board of directors and a share capital of €11,323,485.05  
RCS Nanterre 552 088 361

ONDUCLAIR® PC



2019/11 - Not contractually binding. All information given is for illustrative purposes only and may be modified without notices. Siret 381.536.2670036

## COMMERCIAL DOCUMENTATION



Industrial buildings



Public-access buildings



Farm buildings



Commercial buildings and resorts



**Onduline®**  
Lightweight roofing systems

# ONDUCLAIR® PC

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

## TYPICAL APPLICATIONS

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

Maintenance and service facilities



Sports complex



## 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.

## BENEFITS OF THE SOLUTION



### 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.

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



Outstanding light transmission creates a visually comfortable and productive environment.

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).

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.