ONDUCLAIR PVC

PVC profiled rooflight sheets

Natural light illumination
Choice of qualities
Easy to handle and fix

www.onduline.co.uk
Onduclair PVC® sheets are manufactured to the highest standards using polyvinyl chloride resin (thermoplastic resin) produced in five thicknesses to match your requirements.

Onduclair PVC® sheets provide natural light illumination on roofs and side claddings on all types of buildings.

Onduclair PVC® is the first choice for residential, commercial, industrial and agricultural projects.

A range which meets every need

ADVANTAGES

LASTING PERFORMANCE

Onduclair PVC® sheets are produced using co-extrusion 2-sided protection technology. As a consequence the sheets light transmission capabilities can be sustained over long periods, resulting in the sheets having a high resistance to UV degradation.

GUARANTEED QUALITY

With the benefit of over 50 years experience in manufacturing PVC sheets, we are able to guarantee* with confidence the products weathering performance, reflecting in the sheets long service life under normal service conditions.

Note: Only Onduline PVC® heavy duty sheets or are recommended for use with Onduline corrugated bituminous roofing contact the Onduline Sales office for details.

A COMPLETE PROFILE RANGE

The Onduclair PVC® range is available in a wide range of ribbed and corrugated profiles in both translucent and coloured sheet finishes. Simply select the appropriate sheet finish, grade and thickness to match your project requirements.

* Terms and conditions apply.
INSTALLATION INSTRUCTIONS

1/ Determine the distance between the purlin support centres using the Onduclair PVC technical data sheets, and set the roof out allowing for the required sheet side and end laps.

2/ Install the sheets from the eaves to the ridge, starting from the opposite direction of prevailing winds, with the corrugations or ribs running down the slope of the roof.

3/ Drill the fastener holes to a diameter of 5 mm larger than the fastener diameter and at least 50 mm from the sheet end.

4/ Onduclair PVC fixing components must be used, as the corrugation support blocks avoid the possibility of deforming the sheet corrugations whilst fixing the sheet.

5/ Take care not to overtighten securing fixings allowing for thermal movement in the sheets as they expand and contract in response to solar heating.

6/ On exposed sites, provide an additional side corrugation overlap to enhance weathering protection and increase sheet end lap as detailed in the fixing specification.

7/ All purlin supports covered with PVC sheets must be painted white or be a light colour to avoid heat distortion.

8/ **Caution:** Covering roofs can be a hazardous operation, all work must be carried out with due regard to Health and Safety regulations as set out in HSG33 (Roof work).

THE ONUCLAIR PVC RANGE

**TRADE RANGE** (0.8, 1.0, 1.1 mm)
Entry level roofing sheets produced for the DIY market (carports, garden shelters, pergolas, etc.).

**PRO RANGE** (1.1 1.2 mm)
Professional grade roofing sheets produced to meet the exacting requirements of the industrial and agricultural markets.

**PREMIUM RANGE** (1.3 mm)
High performance roof sheets for use in hostile environments. Guaranteed against hail under normal climatic conditions.

INSTALLATION NOTES

- a/ Refer to our technical fixing specification or alternatively contact our technical sales department for project advice.
- b/ Applications should be in compliance with the relevant B.S. Standards and Building Codes of Practice.
- c/ Use the Onduclair PVC sheets without shading systems (blinds, etc.) or insulating products.
- d/ The Onduclair PVC sheets must not be used to form dual walls or over roofing, continuous ventilation under the sheets from the eaves to the ridge is a vital requirement.
- e/ The width of the purlin support must be at least 40mm for steel and 60mm for timber.

ACCESSORIES

Ondule offer a range of accessories for the most commonly used profiles (attachment kits) and corrugation support fillers. For all information, consult the Sales Department for advice and details.
THE RANGE OF PROFILES

The Onduclair PVC® sheets are manufactured to the highest standards in five thicknesses and an extensive range of profiles and widths, a small selection of which is represented below. The Sales Department will be pleased to assist you match your exact product requirements.

**TRANSPORT AND STORAGE**

Onduclair PVC® sheets must be stored flat, away from dampness, direct sunlight and any source of heat, as prior to fixing sheets exposed to U.V. radiation can deform. Therefore, the sheets should be stored internally, or covered with a suitable tarpaulin on site. These precautions must be respected regardless of the product quantity and storage time. Never place one pallet on top of another; the pallets must also be weighed down in strong wind.

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**Onduclair Classic 95 / 38 profile:**
- **Sheet Colour:** Translucent or Clear
- **Thicknesses:** 1mm, 1.1mm, or 1.3mm
- **Sheet:**
  - Length: 1830mm / 6ft
  - Width: 950 mm
  - Cover Width: 850 mm
- **Corrugation dimensions:** 95 x 38mm (nominal)

**Onduclair Mini Profile:**
- **Sheet Colour:** Translucent or Clear
- **Thicknesses:** 0.8mm, 1mm
- **Sheet:**
  - Length: 1830mm / 6ft
  - Width: 866mm
  - Cover Width: 768mm
- **Corrugation dimensions:** 48 x 24mm (nominal)

**Iron Profile 3”:**
- **Sheet Colour:** Translucent or Clear
- **Thicknesses:** 1mm, 1.1mm, or 1.3mm
- **Sheet:**
  - Length: 1830mm / 6ft
  - Width: 660 mm
  - Cover Width: 608 mm
- **Corrugation dimensions:** 76 x 18mm (nominal)

**6” Fibre Cement profile:**
- **Sheet Colour:** Translucent or Clear
- **Thicknesses:** 1.1mm, or 1.3mm
- **Sheet:**
  - Length: 1830mm / 6ft
  - Width: 1086mm
  - Cover Width: 1016mm
- **Corrugation dimensions:** 146 x 48mm (nominal)

**3” Fibre Cement profile:**
- **Sheet Colour:** Translucent or Clear
- **Thicknesses:** 0.8mm 1.1mm or 1.3mm
- **Sheet:**
  - Length: 1830mm / 6ft
  - Width: 762mm
  - Cover Width: 651mm
- **Corrugation dimensions:** 76 x 17mm (nominal)

**Box PR Greca:**
- **Sheet Colour:** Translucent or Clear
- **Thicknesses:** 0.8, 1mm
- **Sheet code:**
  - Length: 1830mm / 6ft
  - Width: 1090mm
  - Cover Width: 988mm
- **Corrugation dimensions:** 76 x 17mm (nominal)

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