

# Corolux<sup>®</sup>

Corrugated PVC

ECONOMICAL  
PVC SHEET WITH HIGH  
LIGHT TRANSMISSION  
**10 YEAR  
GUARANTEE**



**Corolux corrugated sheeting is the ideal general purpose PVC sheet for roofing and cladding**



Economic, lightweight and easy to install, Corolux PVC is a versatile corrugated rooflight sheet for car ports, canopies and gazebos. It is easy to cut, drill and install with standard DIY tools and is available in a choice of corrugated profiles in clear or translucent tint options.

- Clear or translucent
- Range of profiles
- Sheet weights: Lightweight 0.8mm, Heavy Duty 1.1mm, Superweight 1.3mm (varies by profile)
- UV resistant for durability
- Largely self-cleaning
- 10 year warranty



#### IMPORTANT

These instructions are guidelines only and do not include all the appropriate equipment which should be used in accordance with safety regulations.



**1**

## Preparation

For a carport or lean-to installation you will need:

- Corolux PVC Sheet
- Corolux PVC Wall Flashing
- Corolux PE Eaves Fillers
- Corolux Super Fixings
- Flashing Tape

A minimum slope of 5° is essential in any structure to ensure water run-off; 10° or more is better.

**2**

## Cutting Sheets

Arrange the sheets loosely on the roof, and mark hole positions and any necessary saw cuts with a felt tip pen.

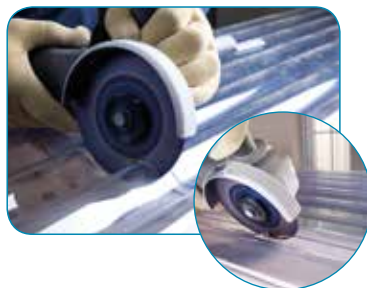
Sheets should overhang the roof by 60mm to allow rainfall to run-off into the gutter and should be wide enough to cover the barge board at the side.

If cutting is required use an angle grinder with a metal slitting blade or fine tooth saw at a shallow angle with light pressure. Support the sheet to minimise vibrations.

A good tip when cutting, is to sandwich the sheet between other sheets with the part to be removed protruding.

If a sheet has to be cut to a finished width, make the cut in the slope of the corrugated sheet.

Avoid drilling and cutting sheets in very cold weather. Warm sheets will be less prone to damage. If possible store sheets in a warm room before cutting.

**3**

## Drilling Sheets

Pre-drill sheets before fixing. Please note - holes for fixings must be drilled larger than the fixing to allow for expansion. Typically 10mm for a 3m sheet.

Drill sheets singly with a masonry bit, using a low speed drill and light pressure. Support the sheet securely under each hole position when drilling.

There should be at least 5 fixings per support across the width of the sheet.



**4**

### Flashing

Corolux wall flashing to match the sheet corrugation is installed at the top of the slope. The Wall Flashing is fixed firmly into position with Butyl wall flashing tape to form a watertight seal between the sheet and the wall.



**5**

### Fixing

Start fixing sheets.

Ariel Foam Fillers are used under the sheets at all support positions to prevent roof 'chatter' and to support the sheets when fixed.

Use Ariel screws, caps and washers to secure the sheet: the screw is sufficiently tight when the washer under its head can just be rotated with finger and thumb.



**6**

### Joining Sheets (end to end)

If sheets need to be joined end to end, ensure an overlap of at least 150mm for a 10° slope or 300mm for a 5° slope.

Use a strip of Butyl Sealing Tape to prevent dust and dirt getting between the sheets.



## Checklist

- Refer to Corolux fixing guides [www.arielplastics.com](http://www.arielplastics.com) for cover widths, fixing centres and number of fixings per sheet.
- Corolux can be used in temperature conditions from -20°C to +60°C.
- Any paints or preservatives applied to the supports must be thoroughly dry prior to fixing the sheet to avoid the sheets from becoming damaged.
- It is recommended that any surfaces of supports immediately under the sheet is light in colour or white.
- False ceilings, insulation or any other opaque material must not be placed under the fixed Corolux sheets, as the temperature in the gap between these and the sheet could rise to over 60°C, and this could lead to distortion or discolouration.
- Cleaning - Use warm soapy water and a soft cloth or sponge to clean your roof.
- Storing before use: Storage indoors on a flat dry surface in cool surroundings is preferable. When outdoor storage is unavoidable, store flat on wooden bearers spaced at about 1m (3' 3") centres and cover completely with an opaque light coloured tarpaulin. Stacked sheets left uncovered in direct sunlight will distort due to solar heat gain in the stack.

Profile	Fixing Centre	Recommended Support Centre			Cover Width
		STANDARD	HEAVY DUTY	SUPER	
3" Asbestos	180mm	610mm	762mm	914mm	651mm
6" Asbestos	340mm	–	–	1372mm	1016mm
8/3" C. Iron	152mm	–	762mm	–	608mm
77/20	154mm	610mm	–	–	616mm
Miniature	120mm	525mm	–	–	603mm

### Number of Sheets Required

Divide the roof width by the cover width

### Number of Fixings Required

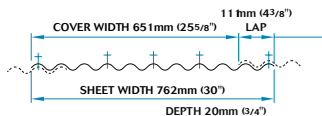
Divide the roof width by the fixing centres  
Divide the roof length by the support centres and add 1

Multiply these two values together  
= approximate number of fixings required

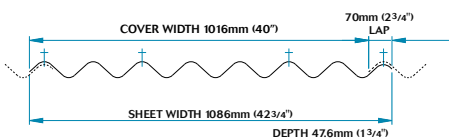
Profile	Standard Corolux 0.8mm (0.032") thick	Heavy Duty Corolux 1.1mm (0.044") thick	BS Super Corolux 1.3mm (0.051") thick
Fire Rating	Class 1 (BS476 Part 7)	Class 1 (BS476 Part 7)	Class 0 - Building Regulations 1992 Approved Document B
3" Asbestos	Clear	Clear	Clear
6" Asbestos	–	–	Clear
8/3" C. Iron	–	Clear	–
77/20	Clear	–	–
Miniature	Clear or Translucent	–	–

\* BS Super Corolux is manufactured to the specification contained in BS4203 (1980)

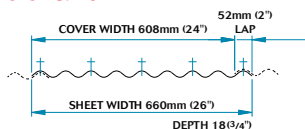
#### 3" Asbestos



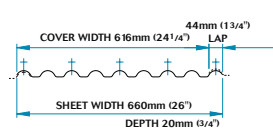
#### 6" Asbestos



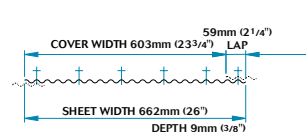
#### 8/3" C. Iron



#### 77/20



#### Miniature



## 10 YEAR WARRANTY

ARIEL PLASTICS LTD undertakes to supply a replacement free of charge for any Corolux PVC Sheet that is proven to have failed due to a manufacturing defect, in normal climatic conditions, for a period of 10 years from the date of purchase. This warranty is only valid providing the Vistalux has been fixed in accordance with the manufacturers instructions: re-erections or consequential damage costs are not included.

This warranty is offered as an extra benefit and does not affect the consumers' statutory rights.



**Contact our sales team:**

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Orderline Email: [sales@arielplastics.com](mailto:sales@arielplastics.com)  
or visit [www.arielplastics.com](http://www.arielplastics.com)

**Corolux**<sup>®</sup>  
Corrugated PVC



PORCHES  
CAR PORTS  
COVERED WALKWAYS  
SPLASH BARRIERS

CLOCHES & COLDFRAMES  
PLANTHOUSES  
SIDE CLADDING



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