



Installation Instructions for Sunclear Clear PVC

Correct installation is important

Sun Clear is fixed and flashed on similar principles as steel roofing. Minimum fall is 5 degrees.

How to install:

Start by fixing the first sheet at the end farthest from the usual wind direction. If end laps are necessary, start at the bottom corner. Where the sheet is lapping into existing steel roofing, paint the metal white at the overlap area, flashing should also be painted white. The tops of the timber frame work that 'Sun Clear' is to be fastened to also be painted white.

Screws and seals:

Roofing sheets must be crest fixed. Walls can be valley fixed. It is important to use the special Ampelite weather proof dome seal (grey coloured) accompanied with an Ampelite 10g x 50mm self drilling wood screw to provide excellent weather proof seal. When used as roofing, sheets should be fixed on every second crest on ends and every third crest on purlins.

Drilling:

Holes are drilled 6mm bigger than the fastener to allow for sheet expansion and contraction. When using Ampelite 10g screws, the recommended hole diameter is 10mm to the edge of the sheet. Use of a blunt drill is recommended as a new sharp drill may cause damage to sheet.

Storage:

Store Sun Clear on a flat surface, in a dry area avoiding contact with chemicals, paints and solvents. Do not leave sheets in direct sunlight while in a stack. The stack will magnify the sun's heat and cause sheet distortion.

Cutting:

Sheets can be cut using normal tools such as a fine tooth saw, held at a low angle while keeping the sheet well supported. If care is taken shears or tin snips may be used as an alternative. For best results cut Sun Clear in moderate to fine conditions. Extra care must be taken when cold.

Handy tips:

You could try some practise holes using an off cut or part of a sheet which would be covered by ridging, flashings etc. You may find it easier to drill the hole for the screw first and then enlarge this to 10mm for the washer. A piece of wood with a hole drilled in it can serve as a useful drill guide.

Please note

Do not store stacks of sheets in direct sunlight because sheets at top of the stack will act like a magnifying glass and could cause damage or distortion to the sheets at the bottom of the stack.

Like all plastic roofing products Sunclear is subject to the effects of weathering and the very high levels of ultra violet light which are present in New Zealand. This means that over the years there will be some loss of light transmission and impact resistance. Please consult our Sunclear brochure for the warranty.