

EASY INSTALLATION

SUNTUF™ should be installed with its sticker 'This Side Up' facing the sunlight. This is the side that has been treated with a protective coating against UV rays and therefore protects the sheets durability. The sticker should be removed immediately after installation.

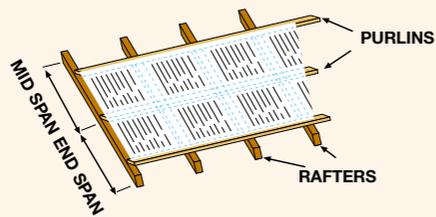
Always use care when working on a roof. You should check guidelines from OSH. We suggest walk boards over SUNTUF. Never walk directly on the sheets.

CUTTING

When cutting SUNTUF you can use a wide range of cutting tools. The IRWIN® Marathon® PVC Cutting Blade is designed to cut through thin walled plastic building materials as its steel tooth blade with optimised tooth design eliminates chipping and cracking, providing a smoother finish. However, for simplicity we suggest garden scissors, a fine tooth saw or a fine tooth circular saw.

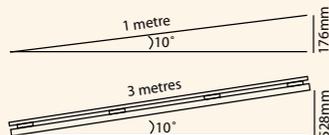
PURLINS AND STUD SPACING

SUNTUF Polycarbonate Sheeting should normally be fixed to purlins or studs erected at a maximum of 900mm centres. In areas exposed to high wind, spacings should be reduced to 750mm centres.



ROOF PITCH

SUNTUF Polycarbonate Sheeting will provide correct run off of rainwater when the roof pitch is 10° or greater. If a flatter pitch is required then additional weatherproofing should be attained through the use of extra flashing or sealing with a neutral cured silicone. Warning lower than recommended pitch angles can lead to the following. Insufficient water run off (premature aging), Plant and Algae growth, Under sheet condensation (dripping).



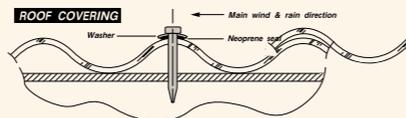
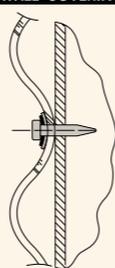
FASTENINGS AND FIXINGS

SUNTUF Polycarbonate Sheeting is easy to fix with SUNTUF Fixing Screws. It is suggested that a 10mm hole be drilled through the sheet. This will allow easier fixing with a self drive screw and provide the correct tolerance for expansion and contraction. SUNTUF should be fixed firmly but in such a manner that contraction and expansion can occur.

Start side laps away from prevailing wind.

SUNTUF is firmly fixed when fastened at every fourth corrugation (third corrugation in high wind areas) and every second corrugation at gutters, ridging and overlaps. You will need approximately 8 fixings per lineal metre of SUNTUF. When using SUNTUF in a roofing situation, fastening is best through the crest of the wave and for fences or walls, fastenings should be through the valleys. When joining SUNTUF side by side an overlap of 1.5 corrugations is appropriate, when length to length minimum overlaps should be 150mm.

WALL COVERING



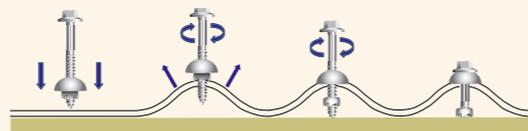
50MM SINGLE SHOT FAST INSTALLATION

The PSP SupaDrive Pro Screw is designed as a single shot system, cutting a 10mm hole allowing sufficient space for all PSP Corrugated Profile sheets to expand under normal conditions.



INSTALLATION GUIDE

1. Without drilling, use the point of the screw to compress the ridge of the sheet flat against the purlin
2. Use maximum RPM without any weight on the drill. The screw will pierce the sheet and the ridge will pop back into original position.
3. Continue to apply maximum RPM with light weight on the drill, allowing the saw to cut through efficiently.
4. Fasten the ridge of the sheet to a point where the rubber washer creates a tight seal.



Note: For best performance use a variable speed drill.

Before applying, ensure the cutting saw is seated firmly underneath the rubber washer.

ACCESSORIES

Flashings are designed to prevent water penetration at intersections, along with enhancing the continuity of appearance. Following the NZ E2 building code sealing recommendation is essential when using these flashings.

The Ridge Flashing is used to join SUNTUF on double pitched roofs whilst the Apron Flashing allows you to join SUNTUF to the wall of an existing structure.



FOR FURTHER DETAILS OF OUR GUARANTEES, PLEASE CONTACT US ON 0800 SUNTUF™ (0800 786 883), OR YOUR LOCAL SUNTUF STOCKIST.

IMPORTANT

Fixings must be centred in the oversized hole. This is essential to ensure the sheets do not rub on the fixings. SUNTUF Fixing Screws have been specifically designed to be compatible with polycarbonate and are the only recommended fixing for use with SUNTUF Polycarbonate Sheetings. Over tightening of screws should be avoided to prevent stress and damage. Fixing: Fix sheets with UV protection facing the sun – as indicated on sheet stickers. Silicones and other chemicals not compatible with polycarbonate must be avoided.



Scan this QR code to view our easy How To Videos on YouTube Channel, PSP NewZealand.

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POLYCARBONATE SHEETING

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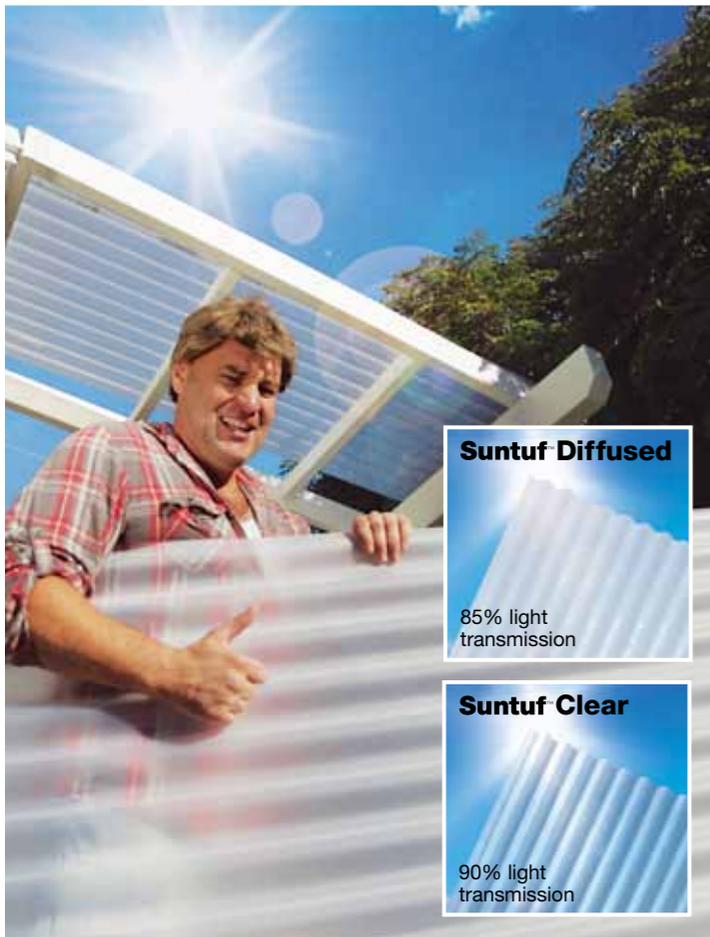
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25 years on... and the difference is still not shattering

25 YEARS AT NO.1

New Suntuf™ Diffused.



ENJOY LIGHT WITHOUT THE GLARE.

Blending the qualities of glare free natural lighting with UV protection has become a reality with the release of Suntuf Diffused polycarbonate sheeting. New Suntuf Diffused, a polycarbonate corrugated sheeting that combines the reputation of Suntuf Polycarbonate roofing with the ability to reduce glare.

- **ALLOWS BOTH LIGHT AND PRIVACY**
- **ATTRACTIVE, MODERN STYLE**
- **99.9% HARMFUL U.V. PROTECTION**
- **VERY STRONG AND VIRTUALLY**



THE NUMBER ONE BARRIER AGAINST SUN, WIND, AND RAIN SINCE 1987

1987 was a great year for New Zealand. That's the year Hayley Westenra was born and Peter Jackson hit the big screen for the first time. The All Blacks won the Rugby World Cup. And we said no to nuclear.

It was also the year Kiwis started using SUNTUF™ Polycarbonate Sheeting to protect themselves and their homes come rain, hail or shine.

Over twenty years on and SUNTUF is still the preferred polycarbonate sheeting.

Hardly surprising when you consider that SUNTUF lets in the light but cuts out 99.9% of the harmful UV rays that are so much a fact of New Zealand life.

It's perfect for verandahs, gazebos, conservatories or anywhere you want to enjoy the sun without the burn.

SUNTUF is equally at home in the winter chill. The polycarbonate's unbreakable qualities can stand up to hail or even hammer blows.

SUNTUF comes with a performance, or replacement guarantee for the first ten years. And the limited lifetime warranty guarantees a loss of light transmission of no more than 8% in the first ten years, and no more than 1% for every year after.



GUARANTEED NOT TO BREAK FROM HAIL THIS BIG... EVER

HAIL
2.5cm

SUNTUF is approximately 250 times stronger than standard glass. For the duration of its life, SUNTUF is guaranteed not to break from being struck by hail that's not much smaller than a golf ball (a whole 25mm). That's some serious polycarbonate strength, yet when you're working with it, cutting sheets is easy with a wide variety of cutting tools.

NOISE REDUCTION TAPE

Noise Reduction Tape helps to reduce the creaking of your roofing. This can be caused when the roofing moves over the purlins with changes in temperature. For the best results apply the tape to the top of the purlins before the roofing is installed. For use on SUNTUF Polycarbonate, Tufclad Ultra Polycarbonate, Sunlite PVC and Twinwall Polycarbonate Sheeting.

Noise Reduction Tape is weather resistant and will not chemically react with the roofing.

SOME OTHER PRACTICAL USES:

- **Door and window seals**
- **Panel sealing and weatherproofing**
- **Access door closure seals**
- **Scratch protection, and many more uses**
- **Tape dimensions: 3mm x 24mm x 25m**

CORRUGATED INFILLS

Foam Eave Fillers (915mm)

SUNTUF Eave Fillers are used to seal the roof sheeting with the purlin, providing protection from weather, birds, dust, etc.

	Corrugated
Overall Width (nom)	860mm
Cover Width (nom)	760mm
Thickness (nom)	0.8mm
Depth of Corrugation	17mm
Kg per m2	1.2
Clear & Grey Tint lengths in metres	1.8, 2.1, 2.4, 2.7, 3.0, 3.3, 3.6, 4.2, 4.8, 6.0, 7.2
Diffused lengths in metres	1.8, 2.4, 3.0, 3.6, 4.8, 6.0, 7.2

Colour	UV Radiation	Shading Co-efficient Ratio (x:1)2	Light Transmission
Clear	0%	1.00	90%
Grey Tint	0%	0.64	35%
Diffused	0%	0.92	85%

HANDLING & STORAGE

SUNTUF sheets should be handled with care to avoid any unnecessary scratches prior to installation. SUNTUF™ should be stored on a flat surface away from direct sunlight. When stacked together this will prevent possible magnification of the sun's rays through the top sheets which may cause distortion of the lower sheets. Prevent moisture getting between stored sheets.

SUNTUF will continue to look new when it is washed down regularly with a soft sponge and warm soapy water. (When moving about on top of SUNTUF always walk on crawling boards placed above the purlins).

SUNTUF Polycarbonate Sheeting is unaffected by a wide range of chemical substances however, it is important to avoid chemicals, paint, adhesives or other synthetic materials that are not compatible with polycarbonate. Please contact PSP if you are unsure.

Bend me - Shape me

Being virtually unbreakable, SUNTUF offers great design flexibility.

You can curve along the corrugations or across if the radius of a curve is 4000mm or greater, SUNTUF can even be curved longitudinally.



How high do you want to go?

Because it's very light, SUNTUF Polycarbonate sheeting can be used in any number of structures, and at practically any height, covering verandahs, pergolas, conservatories, gazebos, carports, spa pools or greenhouses. It can even be used on fences, windbreaks or as skylights in garages, garden sheds and farm buildings.

Fire rating

SUNTUF Polycarbonate Sheeting has a low flammability rating and does not release strong toxic gases when burning. SUNTUF Polycarbonate Sheeting has been BRANZ tested to AS1530.

Warranty Details

SUNTUF's new lifetime warranty equals 25 years against loss of light transmission (23% reduction) along with a 15 year hail & breakage warranty. Suntuf meets the NZBC durability & performance requirement of 15 years if installed & maintained as per instructions as manufacturers recommendations. The best warranty package for transparent/translucent polycarbonate corrugated roofing in NZ.



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POLYCARBONATE SHEETING