



Limited Lifetime Warranty
15 YEARS loss of light transmission
10 YEARS hail and breakage

All weather-protection without breaking the bank.

Looking for all-weather protection without breaking the bank? TUFCLAD ULTRA is built tough to withstand the demands of the harsh New Zealand environment - sun, wind, rain and salt air. And best of all – it's economical so you can maintain the lifestyle you want without blowing the budget.

In fact, TUFCLAD ULTRA comes with a 15 year warranty against sheet yellowing, loss of light transmission and guarantees to block 99.5% of the sun's harmful UV rays.

Like the name suggests, TUFCLAD ULTRA is the corrugated sheeting that's designed to take nature's hard knocks and stay looking good. Year after year.

The secret behind TUFCLAD ULTRA's long-lasting good looks lies in its tough anti-UV ray surface. The protective UV-coated layer maintains excellent light transmission, helps prevent the sheets from yellowing and losing transparency. Nevertheless, this high quality polycarbonate sheet is virtually unbreakable and it's simple to install.

TUFCLAD ULTRA is the safe choice for fences, swimming pool, surrounds, porches, shelters, gazebos... You can even use it for your garden shed and garage. So make the most of your outdoor living with TUFCLAD ULTRA.

Tufclad™ Ultra
 POLYCARBONATE SHEETING

FOR FURTHER DETAILS OF OUR GUARANTEES, PLEASE CONTACT US ON 0800 786 883 OR VISIT WWW.PSP.CO.NZ.



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

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BUILDING BRANDS

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Tufclad™ Ultra

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Tough on strength, without breaking the bank...

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BUILDING BRANDS

V: 11/13



SHEET SIZE

Corrugated



Width	860mm
Coverage	760mm
Profile height	18mm
Thickness	0.8mm
Sheets lengths	1800, 2400, 3000, 3600, 4800, 5800mm
Colour:	Clear and Grey Tint
Average Weight:	1.2 Kg/m ²

EASY TO INSTALL

TUFCLAD ULTRA should be installed with the words "TUFCLAD ULTRA" facing the sunlight. The sticker should be removed immediately after installation.

When cutting TUFCLAD ULTRA, we suggest you use tin snips. With the tin snips, raise the larger of the sections up as you cut across the corrugations maintaining light tension and allowing the smaller offcut to drop. While cutting, never completely close the snips, as this may cause splitting.

PURLINS AND STUD SPACING

TUFCLAD ULTRA sheeting should normally be fixed to purlins or studs erected at a maximum of 900mm centres. In areas exposed to high wind, spacing should be reduced to 750mm centres.

ROOF PITCH

TUFCLAD ULTRA sheeting will provide correct run off of rain-water when the roof pitch is ten degrees or greater. If a flatter pitch is required then additional weather-proofing should be attained through the use of extra flashing or sealing with a neutral-cured silicone.

FASTENINGS & FIXINGS

TUFCLAD ULTRA sheeting is easy to fix with PSP Translucent Roof and Wall Fasteners. It is suggested that a 10mm hole be drilled through the sheet. This will allow easier fixing with a self-tapping screw and provide the correct tolerance for expansion and contraction.

Use a blunted drill as a new drill may cause damage to the sheet.

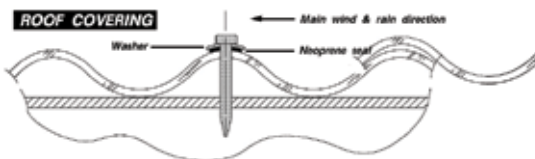
TUFCLAD ULTRA should be fixed firmly but in such a manner that contraction and expansion can occur.

WALL COVERING



TUFCLAD ULTRA is firmly fixed when fastened at every fourth corrugation (third corrugation in high-wind areas) and every second corrugation at gutters, ridging and overlaps. When using TUFCLAD ULTRA 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 TUFCLAD ULTRA side-by-side an overlap of 1.5 corrugations is appropriate, when length-to-length minimum overlaps should be 150mm.



PSP Translucent Roof and Wall Fasteners have been specifically designed to be compatible with polycarbonate and are the only recommended fixing for use with TUFCLAD ULTRA sheeting.

ACCESSORIES

Suntuf Apron Flashing



Suntuf Ridge Flashing



Suntuf Apron and Ridge Flashings

Flashings are designed to enhance the appearance of installation and are suitable for any pitched roof. Flashings are available for either an apron and/or ridge in the corrugated profile. They are only available in clear polycarbonate. The ridge flashing is used to join TUFCLAD ULTRA on double pitched roofs whilst the apron flashing allows you to join TUFCLAD ULTRA to the wall of an existing structure.

Suntuf Foam Eave Fillers (915mm)

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

These are all available from your local PSP stockist.

Note: Suntuf accessories are compatible with Tufclad Ultra.

50MM GALVANIZED ROOF FASTENERS

Without drilling, use the point of the screw to compress the ridge of the sheet flat against the purlin.

Use maximum RPM without any weight on the drill. The screw will pierce the sheet and the ridge will pop back into original position.

Continue to apply maximum RPM with light weight on the drill, allowing the saw to cut through efficiently.

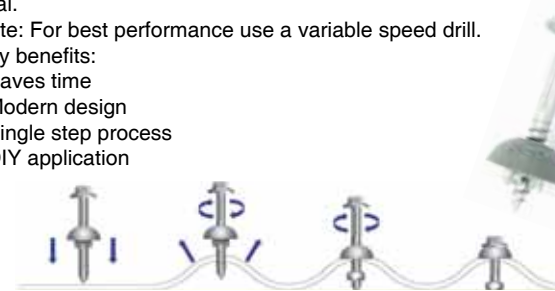
Fasten the ridge of the sheet to a point where the rubber washer creates a tight seal.

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

Note: For best performance use a variable speed drill.

Key benefits:

- Saves time
- Modern design
- Single step process
- DIY application



Length	Number of screws									
	1	2	3	4	5	6	7	8	9	10
1800mm	1	1	1	2	2	2	2	3	3	3
2400mm	1	1	2	2	2	3	3	3	4	4
3000mm	1	1	2	2	3	3	4	4	4	5
3600mm	1	2	2	2	3	3	4	4	5	5
4800mm	1	2	2	3	3	4	4	5	5	6
6000mm	1	2	2	3	4	4	5	5	6	6

HANDLING, STORAGE AND CLEANING

TUFCLAD ULTRA sheets should be handled with care to avoid any unnecessary scratches prior to installation. TUFCLAD ULTRA 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. TUFCLAD ULTRA 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 TUFCLAD ULTRA always walk on crawling boards placed above the purlins).

TUFCLAD ULTRA 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.

For general maintenance and cleaning, use a high pressure hose or water blaster at least twice a year. Keep the water blaster tip at least 450mm away from the polycarbonate sheets and profiles.