

FEATURES

99.9% UV PROTECTION

Lets the light in while being an effective barrier preventing the infiltration of harmful UV radiation.

WIND LOAD RESISTANCE

Suitable for use in high wind areas, perfect for South African weather.

WEATHER RESISTANCE WARRANTY

Breakage will not occur as a result of hailstones measuring up to 15mm in diameter for a period of 3 years.

LIGHT AND HEAT TRANSMISSION

Lets the light in while keeping the heat out for maximum comfort. 90% light transmission

CHEMICAL RESISTANCE

Fibatuf has good resistance to many harsh chemical including several mineral and organic acids, oxidising agents etc. (with the exception of solvents and alkalis).



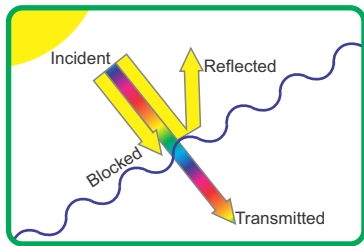
Did you know....
Wembley stadium in London is clad with fibreglass roof sheeting

COLOURS

Standard Sheets are 2.4, 3.0, 3.6 (However lengths up to 7.2m can be ordered on a buy-out).



Light Transmission figures are approximate and depend on thickness and material type



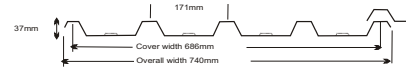
FIBREGLASS

- Allows light transmission,
- Blocks most UV rays
- Reflects harmful UV rays

PROFILES

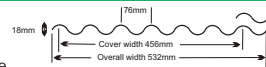
IBR 686

Fibatuf **fibarib** Fibreglass - Clear,White,Green,Blue



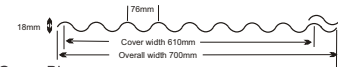
CORRUGATED 6.5

Fibatuf **fibawave** Fibreglass - Clear,White,Green,Blue



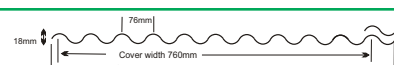
CORRUGATED 8.5

Fibatuf **fibawave** Fibreglass - Clear,White,Green,Blue
(Fibreglass made on request only)



CORRUGATED 10.5

Fibatuf **fibawave** Fibreglass - Clear,White,Green,Blue



BIG 6

Fibatuf **ASB** Fibreglass - Clear,White



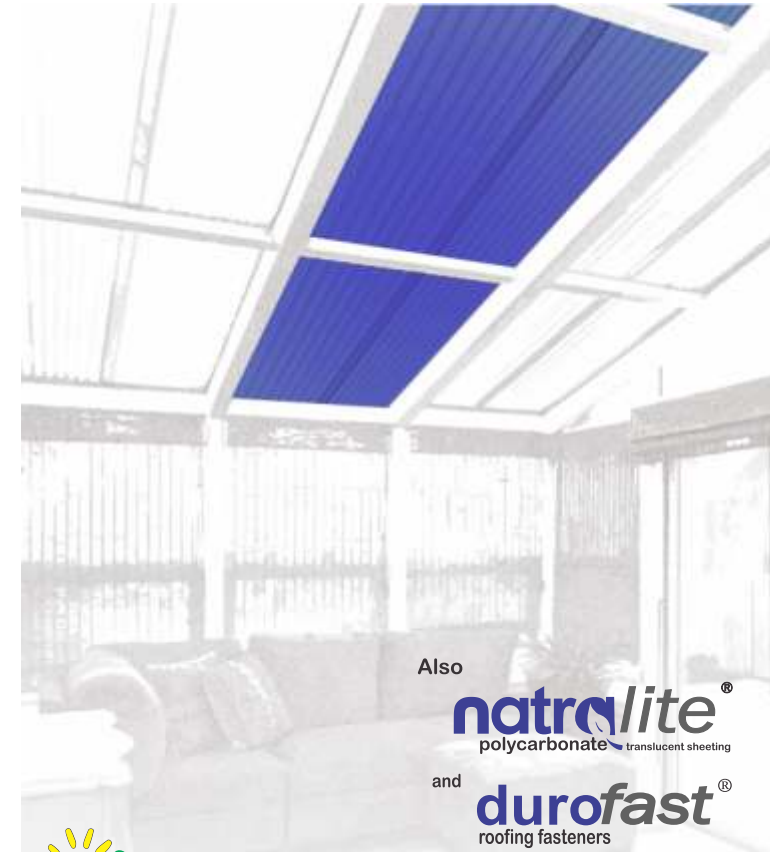
Duroplastic supplies a vast variety of Polycarbonate profiles; such as IBR, Corrugated, Big six, Nurib and Industrial 7. Industrial thicknesses also available. Duroplastic also supplies Multilite® Multiwall and Durotuf® (flat) polycarbonate sheeting. Another division is the steel sheeting in IBR and Corrugated as well as our own Minirib® profile.

Technical support: 0860 ROOFING

For ideas on other products such as Garden Sheds, Carports, Garages, Patios, Greenhouses, Awnings etc. go to our website

www.duroplastic.com

E&OE Z1115



Also

natralite®
polycarbonate translucent sheeting

and

durofast®
roofing fasteners



MEMBER OF
GREEN BUILDING COUNCIL
OF SOUTH AFRICA

Est. 1986
a product of
DUROplastic

APPLICATIONS

DOMESTIC (DIY)

- Skylights
- Canopies, Awnings
(Above swimming pools etc)
- Carports
- Partitions

CONSTRUCTION

- Industrial Factories
- Skylights
- Canopies
- Partitions
- Walkways

AGRICULTURE

- Greenhouses
- Unique applications using light translucency with weather resistant properties.



Profile	Corrugated/Greca		IBR / Trimdek / Ind 7	
	Timber	Steel / Metal	Timber	Steel / Metal
Medium Drilling into				
Gauge	12	12	12	12
Diameter (mm)	5.4	5.4	5.4	5.4
Length (mm)	50	50	65	75
Min Shear Strength*(kN)	6.8	6.8	6.8	6.8

Timber fastener has a #17 tip shape that self drills into timber. Uses a hex 5/16" head



Steel fastener has a drill bit type head that self drills into steel (.58 to 4.5mm) Uses a hex 5/16" head

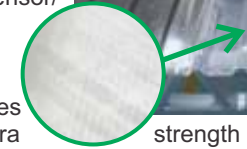


Correct class rating fasteners must be adhered to in harsh environments to ensure long lasting roofs. For complete details of using correct fasteners, contact Duroplastic at 0860 ROOFING or visit us online www.duroplastic.com



FEATURES

- Easy to clean
- Good weather resistance
- Hail resistant
- Blocks harmful uv rays
- Easy to work with
- Ideal for Chemical resistant applications - Mining, condenser/coolers, galvanise plants, food processing plants, refractories
- Range of colours and profiles
- High fibre reinforced for extra strength
- Can be made to AS 4256 standard of 2400, 3050 or 3600 gm/m2 specification



INSTALLATION GUIDE

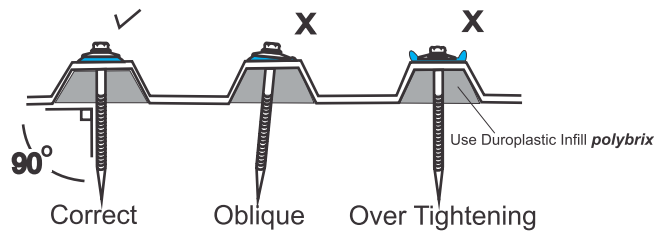
The guide is to assist you when installing **Fibatuf** sheets.

fibatuf 1.4kg/m2

PROFILE	Purlin Spacing	Fixing Spacing
Corrugated - fibawave	1000mm	Every Rise
IBR - fibarib	1200mm	Every Rise
Big 6 - ASB	1200mm	Every Rise
Roof end span make	less 300mm	Every Rise

Purlin: For other weights and thicknesses see detailed brochure or website

Fixing: In areas of excessive wind load increase your purlins and fix on every rise. Also use sealant tape for extra reinforcement.



Drill hole in sheet **3mm bigger** than fastener, prior to fixing

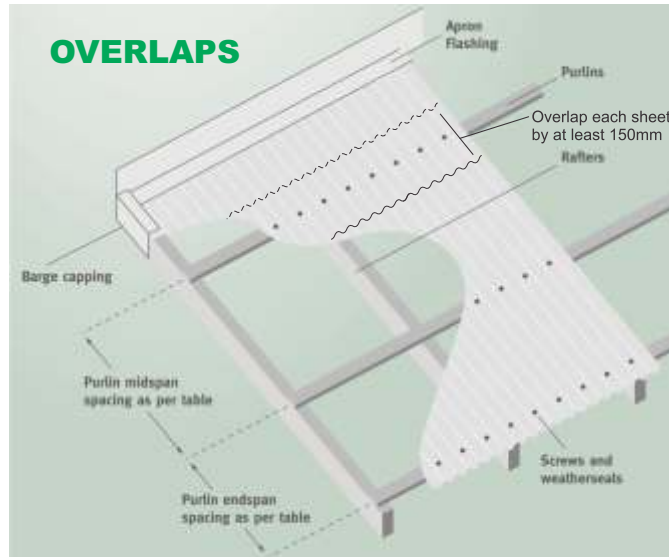
Insert on high ridge not in valley



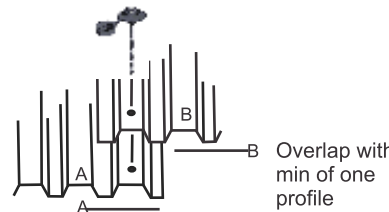
Use Duroplastic Infill **polybrix** for better support and waterproofing

For best results use **durofast** Fasteners for steel and wood.

OVERLAPS



Apply sheets with UV coating facing upward (side with sticker on). Peel off any labels immediately after installation. Duroplastic also supply accessories such as nails / fasteners, flashings etc.



Overlap with min of one profile

Sheets may be cut with shears, an angle grinder or even a fine toothed saw blade will do. For roof laying start with lower sheets first, keep side laps away from wind. Allow overhang of <100mm.

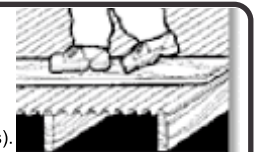
fibatuf MAX is a heavy duty industrial sheet for extreme conditions or where longevity is required without the concern of strength reduction. It is a well known fact that thermoplastics like Polycarbonate and PVC become brittle over time, however with the engineered composite of **fibatuf MAX**, this is no longer a concern.

Standard colours are clear, translucent blue, green and opal white with light transmissions from 65% to 20%. Lower light transmission or even opaque sheets can be produced. Opaque sheets are ideal replacement for steel sheets that corrode in harsh climates

A co-extruded fibreglass sheet with a composite fibre reinforcement, a dual extruded sheet for UV resistance and easy to clean finish. Manufactured in Cape Town, South Africa.



Never walk on sheets, use a board placed across at least 3 rafters to spread the load. Use appropriate personal protective equipment (PPE) such as safety footwear, safety glasses and gloves. All safety practices must comply with the applicable local building and/or work cover code(s).



HANDLING & STORAGE

Store sheets on flat surface in well protected dry area. Direct sunlight could cause distortion. Remove traces of lubricant from metal sheets prior to assembly. Clean with warm water (mild detergent) and a soft sponge. Scrub down with a soft brush. Hose down thoroughly.