

Technical Specifications

EVERTUFF™ SLEEPERS & RETAINING WALLS

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Primary Application

When you need a reliable, non-toxic, crack, splinter, rust and rot free material for building your retaining wall consider Cosset's **Evertuff™ 98% Recycled Wood Plastic Composite Sleepers**. They are engineer approved and can be used in place of concrete or timber in applications from high profile civic landscaping to the smallest job in your back yard.

Features

- Order pre-cut to length and therefore no wastage.
- Drilled, planed and cut with the same tools as timber.
- Superior life span with the advantage of retaining physical properties throughout entire product life.
- Non toxic – no chemicals like CCA treated timber.
- 98% recycled plastic and timber material means each metre of Evertuff™ prevents kilograms of rubbish entering landfill and thus organisations can reduce their environmental footprints.

Installation

It is a rule of thumb that the length that protrudes out of the ground should be the same as that below the ground. See span chart below for pier depths and diameters. Always use concrete grade N25 to pier footings. Installation of any retaining wall structure needs to be completed by, or with the guidance and or advice from a professional installer.

Options

- For retaining walls 600mm in height and under, Cosset's Evertuff™ square and rectangle profiles can be used as the vertical posts also using galvanised through bolts.
- For retaining walls above 600mm in height it is recommended that Cosset steel "H" and "C" sections are used. The Cosset system is superior to other steel offerings due to its heavy duty, hot-dipped anticorrosion coating which is only applied after the components are cut to size.

Steel sections	Weight of 1m length (kg)
75mm Parallel Flange Channel (PFC)	5.92
100mm Parallel Flange Channel (PFC)	8.33
100mm Parallel Flange 'I' Beam (PFB)	7.20
125mm Parallel Flange Channel (PFC)	11.90
120mm Parallel Flange 'I' Beam (PFB)	13.10



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Steel Section configurations



- 'H' Section used to extend straight walls.
- '45°' Section used to create softer angles.
- 'End' Section used to neatly end walls.
- '90°' Section used to create corners.

Models

Model Code (RW)

D Chart

D-Code	Wall Ht. (m)	Sleeper Dimen. (mm)	Max. Span (m)	Mid Column	End Column	Pier Depth (mm)	Pier Diam (mm)
RA	0.6	200 x 50	1.55	100 PFB	75 PFC	500	300
RB	0.6	200 x 75	2.10	100 PFB	100 PFC	600	300
RC	0.6	200 x 100	2.70	125 PFB	125 PFC	750	300
RD	0.8	200 x 50	1.50	100 PFB	75 PFC	700	300
RE	0.8	200 x 75	2.00	100 PFB	100 PFC	900	300
RF	0.8	200 x 100	2.50	125 PFB	125 PFC	800	450
RG	1.0	200 x 50	1.40	100 PFB	75 PFC	900	300
RH	1.0	200 x 75	1.90	100 PFB	100 PFC	850	450
RI	1.0	200 x 100	2.40	125 PFB	125 PFC	1000	450

Important Notes: Upon request to Cosset Industries Australia Pty Ltd or its distributors engineering drawings completed in reference to the Span Chart above may be purchased for \$66.00 including GST or are offered free of charge on placement of sleeper order. The information provided relates to general Australian conditions and should not be used in areas of different design load requirements (ie. in Alpine areas – snow loads). If heavy machinery is being used, do not compact closer than 75% of the height of the wall. Retaining walls over 1.0m need an engineer's report and council approval.

How To Specify :

