

# integrated. RECYCLING

Applying science  
to sustainability

## INTEGRATED RECYCLING PRODUCT LIST

MADE FROM

POLYTENSILATE

Transforming redundant  
Australian plastics into high  
performing outdoor products



**DURATRACK**<sup>®</sup>  
RAILWAY SLEEPERS

**Envire**<sup>®</sup>  
PARKSCAPE

**NOISE**  
BARRIER WALL

**everTUFF**<sup>®</sup>

**SAFETYMITS**  
COMMITTED TO INNOVATION FOR INDUSTRY

# Sustainable solutions

We view Australian waste plastic as a resource.

The science and drive behind developing Polytensilate came from Integrated Recycling's (IR's) ambition to engineer products for industrial applications where structural integrity is paramount.

This innovative high performing material is now being used in the construction, infrastructure and landscaping industries through IR's product range.



>> More about Sustainability

INTEGRATED RECYCLING BRANDS AND DISTRIBUTED BRANDS

Envire, Duratrack, Polytensilate and Evertuff are registered trademarks of Pro-Pac Group Pty Ltd trading as Integrated Recycling.



Duratrack is Australia's first recycled plastic railway sleeper approved for mainline and freightline use.



Envire is built tough and is designed to thrive in Australia's extreme climates. Bollards, outdoor furniture, boardwalks, retaining walls, fencing, signage and specialty products.



Modular and load bearing, Noisewall inhibits the transmission of sound and is used to lessen roadway, railway, and industrial noise sources throughout Australia.



Distributed by Integrated Recycling, Evertuff is a smooth recycled plastic material which can be produced to 6 metre lengths.



Safety Mits support system is a moulded load rated block of polytensilate with a non slip interlocking profile.



MADE FROM

# POLYTENSILATE



40 YEAR DESIGN LIFE



AUSTRALIAN MADE



RECYCLED PLASTIC



CIRCULAR ECONOMY



EXISTING TOOLING



COST EFFECTIVE



PATENTED TECHNOLOGY

## Engineered Recycled Plastic

IR's product range is made from Polytenislate - a patented high performance material that IR engineered through several years of research and development. Approximately 85% of Polytenislate is made from Australian waste plastics.

### POLYTENSILATE FEATURES

- 40+ years life span
- Resistant to termites, rot, water & sun damage
- Maintenance free (no painting or oiling)
- Non toxic
- Easy to work with (drill, screw, rout)
- Splinter free
- Paintable, washable
- Sustainable & fully recyclable

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Envire

BOLLARDS

100% Solid, Recycled  
Australian Plastic



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A PPC  
Company

# Envire BOLLARDS

Our bollards are 100% solid, and made from high performing Polytenisilate. They are paintable, workable, recyclable, washable and non-toxic. Custom sizes, quantities and options are available. Colours: Charcoal, Rich Earth Brown.



>> More about  
Bollards

## Bollards Square

TOP OPTIONS: PYRAMID TOP + FLAT TOP + SLOPE TOP + ANGLE TOP

CODE	SIZE	WEIGHT	PACK QTY	MAXIMUM LENGTH
BOL400	90 x 90 x 1500mm	9kg	x 120	3000mm
BOL500	110 x 110 x 1500mm	16kg	x 70	2400mm
BOL600	125 x 125 x 1500mm	19kg	x 54	1800mm
BOL610	125 x 125 x 1400mm	18kg	x 54	1800mm
BOL700	145 x 145 x 1500mm	21kg	x 48	1680mm

## Bollards Rectangle

TOP OPTIONS: PYRAMID TOP + FLAT TOP + SLOPE TOP

CODE	SIZE	WEIGHT	PACK QTY	MAXIMUM LENGTH
BOL750	200 x 100 x 1500mm	21kg	x 45	3000mm
BOL900	200 x 75 x 1300mm	16kg	x 60	3000mm

## Bollards Round

TOP OPTIONS: DOME TOP + FLAT TOP

CODE	SIZE	WEIGHT	PACK QTY	MAXIMUM LENGTH
BOL101	100 x 1200mm	9kg	x 50	2400mm
BOL100	100 x 1400mm	9kg	x 50	2400mm
BOL201	125 x 1200mm	11kg	x 40	2400mm
BOL202	125 x 1500mm	14kg	x 40	2400mm
BOL204	125 x 1800mm	19kg	x 40	2400mm
BOL300	150 x 1200mm	18kg	x 28	2800mm
BOL301	150 x 1500mm	22kg	x 28	2800mm
BOL302	150 x 1800mm	27kg	x 28	2800mm

A photograph of a park featuring a wooden shelter with a corrugated metal roof and slatted sides. Underneath the shelter is a picnic table and a green slide. The ground is covered in wood chips, and there are trees in the background under a clear blue sky.

# Envire

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## OUTDOOR FURNITURE

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Tough & extreme  
long life

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# Envire OUTDOOR FURNITURE

Our Outdoor Furniture has been designed for parkland, recreational reserves and commercial buildings. Delivered flatpack for protection and economic freight costs and comes with easy to assemble instructions. Hot dipped galvanised or powder coated steel frames. Option to concrete in or bolted down.



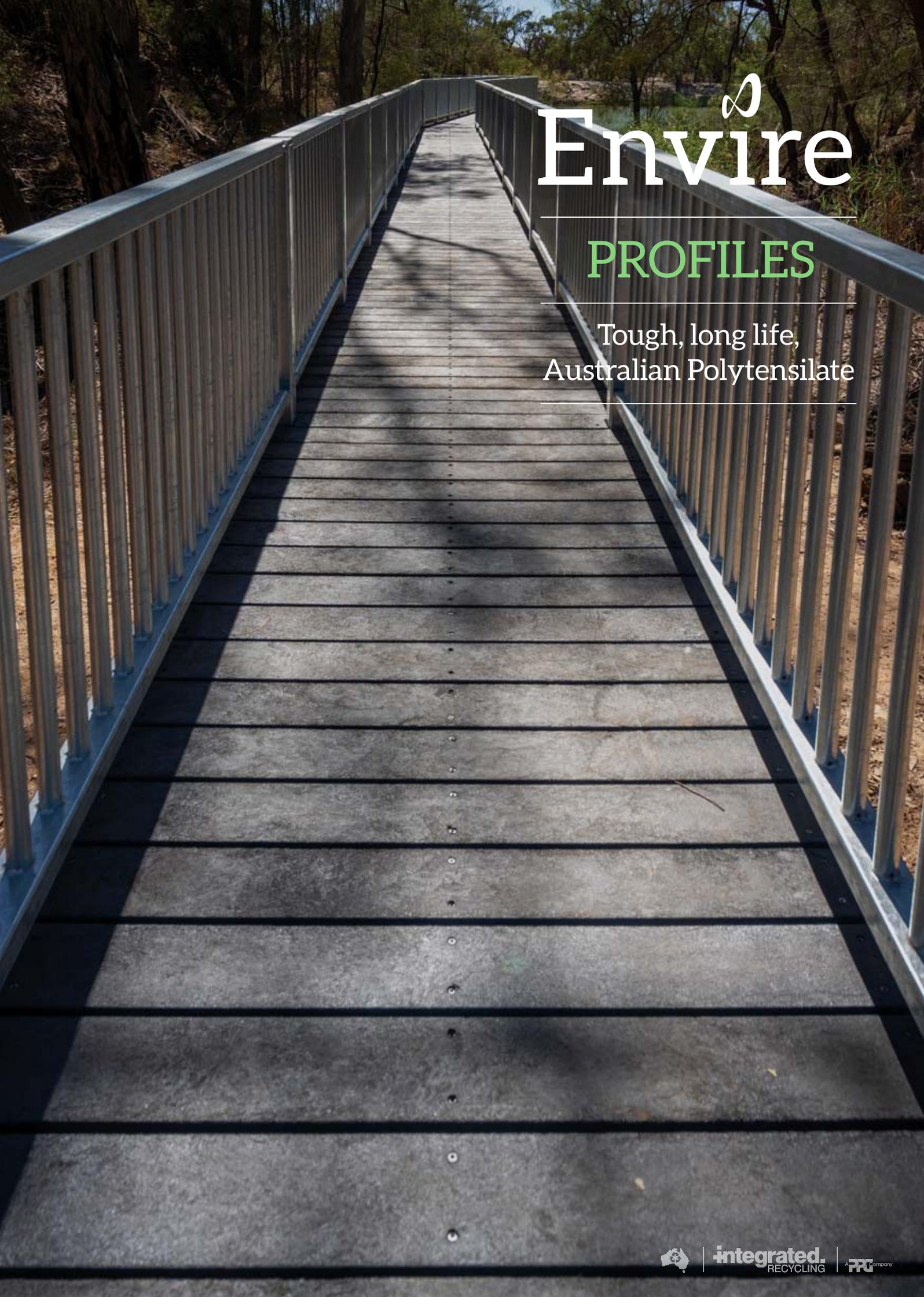
>> More about  
Outdoor Furniture

## Picnic & Table Settings

CODE	DESCRIPTION	LENGTH	WEIGHT
ODF101	Murray Picnic Table	1800mm	128kg
ODF103	Wetlands Table & Bench Seat	2400mm	210kg
ODF301	Wentworth Picnic Table	1900mm	210kg
PFCT1800C	Coonawarra Setting	1800mm	212kg

## Seats & Benches

CODE	DESCRIPTION	LENGTH	WEIGHT
SEAT201	Little Desert Bench Seat Backless	1800mm	27kg
SEAT200	Little Desert Bench Seat Backless	2400mm	30kg
SEAT210	Big Desert Bench Seat Backless 10 Slats	2400mm	85kg
SEAT251	Mallee Bench Seat with Back	1800mm	58kg
SEAT250	Mallee Bench Seat with Back	2400mm	73kg
SEAT256	Mallee Bench Seat with Back and Arm Rests	1800mm	65kg
SEAT270	Mallee Bench Seat with Back and Arm Rests	2400mm	80kg
SEAT271	Wave seat	2400mm	47kg
SEAT272	Wave seat	3000mm	57kg
SEAT240 W	Riverland Wall Mounted Bench	2400mm	53kg
HEX1200	Hexagonal Seat	1200mm per side	258kg
HEX1500	Hexagonal Seat	1500mm per side	303kg
HEX1800	Hexagonal Seat	1800mm per side	348kg
HEX2400	Hexagonal Seat	2400mm per side	438kg
PFTAS-EN18-C	Tasman Bench	1800mm	67kg



# Envire

## PROFILES

Tough, long life,  
Australian Polytensilate



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Envire profiles come in a variety of shapes, lengths and widths.  
Custom shapes and specifications are available.

## Square Profiles

CODE	DIMENSIONS	WEIGHT	MAXIMUM LENGTH
PRO250	50 x 50 x 2400mm	6kg	2400mm
PRO450	75 x 75 x 2400mm	12kg	3000mm
PRO550	90 x 90 x 2400mm	17kg	3000mm
PRO550 S	90 x 90 x 2400mm - Envire HD	17kg	3000mm
PRO651	110 x 110 x 2400mm	25kg	3000mm
PRO652	110 x 110 x 3000mm	29kg	3000mm
PRO900	125 x 125 x 1500mm	19kg	1800mm

## Rectangular Profiles

CODE	DIMENSIONS	WEIGHT	MAXIMUM LENGTH
PRO400	75 x 50 x 2400mm	8kg	2400mm
PRO503	90 x 40 x 2400mm	7kg	2400mm
PRO707	100 x 50 x 2400mm	11kg	3000mm
PRO700	100 x 50 x 3000mm	14kg	3000mm
PRO750	150 x 50 x 2400mm	16kg	3000mm
PRO751	150 x 50 x 3000mm	20kg	3000mm
PRO750 S	150 x 50 x 3000mm - Envire HD	21kg	3000mm
PRO770	150 x 100 x 3000mm	37kg	3000mm
PRO800	200 x 50 x 2400mm	21kg	3000mm
PRO802	200 x 50 x 3000mm	26kg	3000mm
PRO855	200 x 75 x 2400mm	30kg	3000mm
PRO860	200 x 75 x 3000mm	38kg	3000mm
PRO816	200 x 100 x 2400mm	38kg	3000mm
PRO808	200 x 100 x 3000mm	46kg	3000mm
PRO850	300 x 75 x 2400mm	45kg	2400mm

## Round Profiles

CODE	DIMENSIONS	WEIGHT	MAXIMUM LENGTH
RP401	40 x 2400mm	3kg	2400mm
RP502	50 x 2400mm	5kg	2400mm
RP750	75 x 1800mm	7kg	2400mm
RP752	75 x 2400mm	9kg	2400mm
RP602	90 x 2400mm	12kg	2400mm
RP101	100 x 2400mm	17kg	2400mm
RP121	125 x 2400mm	23kg	2400mm
RP151	150 x 2400mm	36kg	2400mm



# Envire

## BOARDWALKS

Uniquely designed for  
every project



integrated  
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# Envire BOARDWALKS & SUBSTRUCTURES

Our Boardwalks and substructures are ideal for high-salinity coastal, wetlands and sensitive heritage regions. Able to be built in modules and in a variety of lengths and widths, our boardwalks are fully customisable to all projects specifications. [Talk to us about your design.](#)



>> More about Boardwalks

## Decking boards

CODE	SIZE	WEIGHT	MAXIMUM LENGTH
PR0750	150 x 50 x 2400mm	16kg	3000mm
PR0800	200 x 50 x 2400mm	21kg	3000mm

## Option for mini mesh or micro mesh decking

## Posts

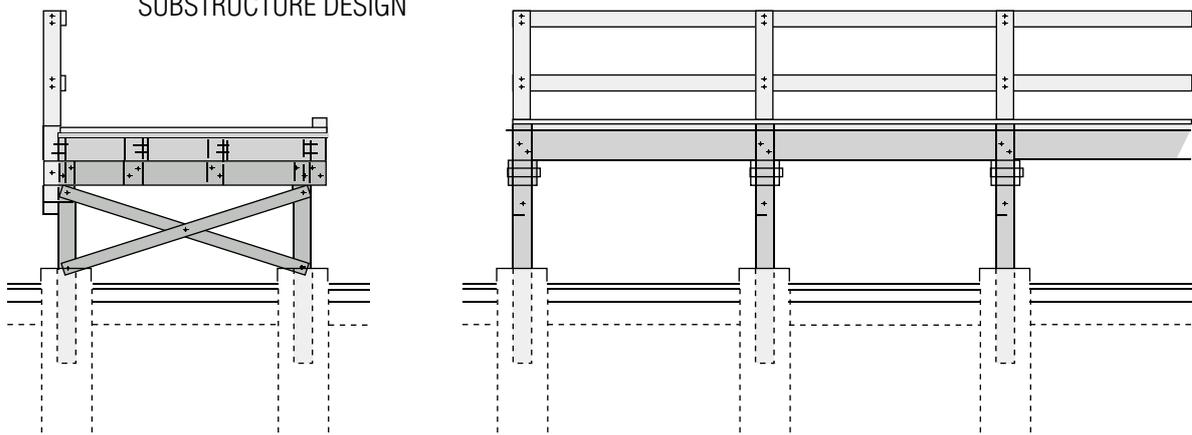
CODE	SIZE	WEIGHT
PR0550S	90 x 90 x 2400mm	17kg

## Joist / bearers

CODE	SIZE	WEIGHT
PR0750S	150 x 50 x 3000mm	21kg

## Kick rail - many options, please talk to us about your design

TYPICAL BOARDWALK & SUBSTRUCTURE DESIGN





# Envire

## RETAINING WALLS

Tough, long life,  
Australian Polytensilate



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Company

# Envire RETAINING WALLS

Our Retaining Walls are load bearing, able to be built in modules and come in a variety of lengths and widths.

IR's retaining wall calculator can help you to plan your project, [talk to us about your plan.](#)



>> More about Retaining Walls

## Retaining Walls

CODE	SIZE	WEIGHT
PRO 805C	200 x 50 x 2000mm	17kg
PRO 857C	200 x 75 x 2000mm	25kg
PRO 818C	200 x 100 x 2000mm	33kg



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# DURATRACK®

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TYPE APPROVED  
SUSTAINABLE  
RAILWAY  
SLEEPERS



integrated.  
RECYCLING

PPC  
Company

# DURATRACK® RAILWAY SLEEPERS

Duratrack Railway Sleepers are manufactured to a variety of standard and custom specifications for broad gauge, narrow gauge, sugarcane, standard gauge and tourist & heritage railways. For specific use information and type approval details, please call to discuss.



>> More about Duratrack

## Broad gauge

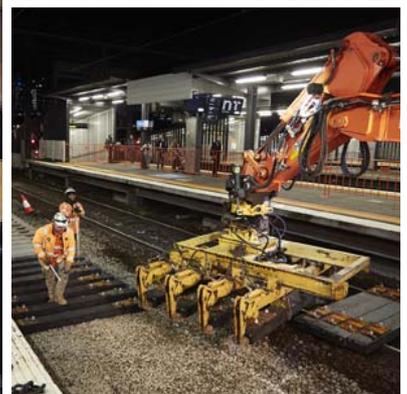
CODE	SIZE	WEIGHT	PACK QTY	PACK WEIGHT	PACK DIMENSIONS
DRT102C	250 x 125 x 2600mm	73kg	x 16	1168kg	1000 x 600 x 2600mm
DRT103C	250 x 125 x 2750mm	77kg	x 15	1155kg	750 x 725 x 2750mm

## Narrow gauge

CODE	SIZE	WEIGHT	PACK QTY	PACK WEIGHT	PACK DIMENSIONS
DRT 500C	230 x 115 x 2150mm	54kg	x 20	1070kg	1150 x 560 x 2150mm

## Sugarcane mill railway - including turnout bearers from 1600mm to 3600mm

CODE	SIZE	WEIGHT	PACK QTY	PACK WEIGHT	PACK DIMENSIONS
DRT900C	200 x 100 x 1200mm	20kg	x 50	1020kg	1000 x 1100 x 1200mm
DRT901C	200 x 100 x 2400mm	41kg	x 25	1020kg	1000 x 600 x 2400mm





# Envire

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## NOISE BARRIER WALL

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Inhibits sound  
transmissions

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# Envire NOISE BARRIER WALLS



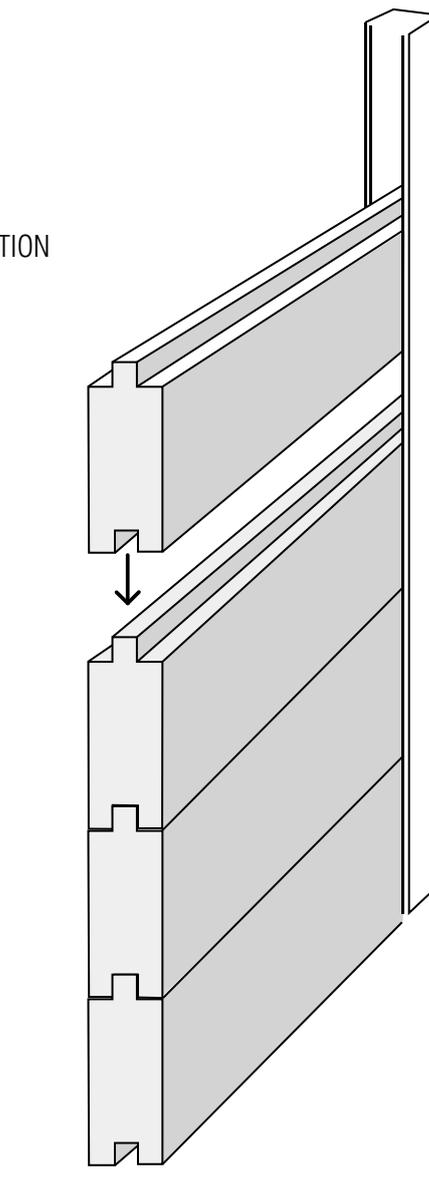
Our Noise Barrier Walls are interlocking Polytenisilate panels engineered to be structurally sound, modular, scaleable, lightweight and load bearing.

>> More about NoiseWall

## Long Profile

CODE	SIZE	WEIGHT	MAX LENGTH
PRO 860NWC	200 x 75 x 3000mm	38kg	3000mm

NOISEWALL CONSTRUCTION



- ✓ INHIBITS SOUND TRANSMISSIONS
- ✓ STRUCTURALLY SOUND
- ✓ MODULAR
- ✓ SCALEABLE
- ✓ LIGHTWEIGHT
- ✓ LOAD BEARING



EVERTUFF®

PROFILES

Maximum length  
6 metres



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Company

# EVERTUFF® PROFILES

EverTuff wood plastic composites profiles come in a variety of shapes, lengths and widths. Available in custom specifications with a maximum length of 6000mm.

## Rectangular Profiles - Evertuff

CODE	DIMENSIONS	WEIGHT	MAXIMUM LENGTH
AD-RE020-xxxx-SC	75mm x 45mm	4kg/m	6000mm
AD-RE026-xxxx-SC	90mm x 20mm	2kg/m	6000mm
AD-RE027-xxxx-SC	90mm x 45mm	4kg/m	6000mm
AD-RE060-xxxx-SC	140mm x 40mm	6kg/m	6000mm
AD-RE062-xxxx-SC	150mm x 25mm	4kg/m	6000mm
AD-RE070-xxxx-SC	150mm x 100mm	15kg/m	6000mm
AD-RE083-xxxx-SC	200mm x 20mm	4kg/m	6000mm
AD-RE086-xxxx-SC	200mm x 50mm	10kg/m	6000mm
AD-RE087-xxxx-SC	200mm x 75mm	16kg/m	6000mm
AD-RE088-xxxx-SC	200mm x 100mm	20kg/m	6000mm
AD-RE090-xxxx-SC	230mm x 130mm	32kg/m	6000mm
AD-RE095-xxxx-SC	300mm x 40mm	13kg/m	6000mm

## Square Profiles - Evertuff

CODE	DIMENSIONS	WEIGHT	MAXIMUM LENGTH
AD-SQ010-xxxx-SC	40mm x 40mm	2kg/m	6000mm
AD-SQ017-xxxx-SC	65mm x 65mm	5kg/m	6000mm
AD-SQ020-xxxx-SC	75mm x 75mm	6kg/m	6000mm
AD-SQ030-xxxx-SC	100mm x 100mm	11kg/m	6000mm
AD-SQ070-xxxx-SC	125mm x 125mm	16kg/m	6000mm
AD-SQ080-xxxx-SC	138mm x 138mm	21kg/m	6000mm
AD-SQ090-xxxx-SC	150mm x 150mm	22kg/m	6000mm

## Decking Profiles - Evertuff

CODE	DIMENSIONS	WEIGHT	MAXIMUM LENGTH
AD-D007-xxxx-SC	200 x 23mm	5kg/m	6000mm
AD-D0012-xxxx-SC Tri I	190 x 55mm	6kg/m	6000mm

A scenic view of a river with a wooden walkway and a metal ramp leading into the water. The walkway is made of wooden planks and has metal railings. The ramp is made of metal grating and also has metal railings. The water is a light brown color. The background shows a line of trees and a clear sky.

**SPECIALTY**

**INNOVATIVE  
& UNIQUE**

Customer driven projects



**integrated.**  
RECYCLING

A **PPG** company

# SPECIALTY INNOVATIVE PROJECTS



Integrated Recycling continues to invest in forward thinking projects that demand high performing sustainable materials.

>> More about Specialty products

## Canoe launch ramp

CODE	DIMENSIONS	WEIGHT	MAXIMUM LENGTH
CAN LNCH	3000 x 1000mm	500kg	n/a

## Static deck - customisable to suit location

CODE	DIMENSIONS	WEIGHT	MAXIMUM LENGTH
CAN STAT DECK	3000mm x 2400mm	465kg	n/a

## PlastiPole bin retention system

CODE	DIMENSIONS	WEIGHT	MAXIMUM LENGTH
PPSL	1670mm high Post 60 x 60mm Overhang (front to back) 410mm	8kg	n/a



## Plastipole - base plate, galvanised

PP-BP-g	150 x 200mm (225mm high)	3kg	n/a
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## Plastipole - key replacements available (code: PP-Tk)

## Garden stakes

CODE	DIMENSIONS	WEIGHT	MAXIMUM LENGTH
STA103	24 x 24 x 1200mm	.5kg	1200mm
STA151	28 x 28 x 1800mm	1kg	1800mm
RP401	40 x 2400mm	3kg	2400mm
PRO254 Tap Stake	50 x 50 x 1200mm	3kg	1200mm

MADE FROM

**POLYTENSILATE**



40 YEAR DESIGN LIFE



AUSTRALIAN MADE



RECYCLED PLASTIC



CIRCULAR ECONOMY



EXISTING TOOLING



COST EFFECTIVE



PATENTED TECHNOLOGY

Integrated Recycling manufactures the Envire, Duratrack and NoiseWall ranges at its Mildura factory in Victoria and is part of the Integrated Packaging Group, a PPG company. IR products are made from Polytenisilate, a patented formula of recycled Australian plastics.



IR distributes the Australian made EverTuff range.



Envire, Duratrack, Polytenisilate and Evertuff are registered trademarks of Pro-Pac Group Pty Ltd trading as Integrated Recycling.



### Customer Service

Phone: 1300 729 253  
Email: [info@integratedrecycling.com.au](mailto:info@integratedrecycling.com.au)  
Web: [www.integratedrecycling.com.au](http://www.integratedrecycling.com.au)

Melbourne Office: 83-85 Banbury Road Reservoir, VIC 3073  
P.O.Box 441 Reservoir VIC 3073  
Factory Location: 316 Etiwanda Ave Mildura VIC 3500

### Quoting and purchasing

1. Please call to discuss any queries with our sales team on 1300 729 253 or send a request for information to [info@integratedrecycling.com.au](mailto:info@integratedrecycling.com.au). We are happy to provide written quotes for your consideration.
2. If you wish to place an order, please email your confirmation or purchase order to [info@integratedrecycling.com.au](mailto:info@integratedrecycling.com.au).
3. Standard products and lengths are generally quoted, please ask if you wish to customise a product or size.
4. IR holds many items in stock, but the general production time is 4- 6 weeks from confirmation of order.
5. All sales are subject to the standard IR conditions of sale available at [www.integratedrecycling.com.au/ir-ppg-terms-and-conditions](http://www.integratedrecycling.com.au/ir-ppg-terms-and-conditions).
6. Credit card payments are subject to a surcharge.
7. All products made or sold by IR are made from recycled plastics and may vary in their final dimensional specifications, colour and shade from batch to batch. The dimensional variations occur due to different shrinkage rates, estimated to be approximately 2%.



>> Visit IR's website



>> IR's Product Warranty