



Designer of play and sports areas



PROPOSAL FOR
RIVERSIDE PARK
GOULBURN - MULWAREE
COUNCIL

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Riverside Park - Concept Design



PROJECT
RIVERSIDE PARK
Goulburn - Mulwaree Council

DRAWING TITLE
CONCEPT DESIGN
DRAWING NO.
032202_001

DATE
31.08.2020
DRAWN
RG

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CONCEPTUAL ONLY - NOT FOR CONSTRUCTION
Play equipment designed and installed in accordance with Australian Standards AS/NZS 4685 : 2014.

CONTACT
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Mobile: 0427 420 448

FOR EQUIPMENT LAYOUT REFER
Dwg 032202_002

Inclusive Design Approach Rationale



'Creating an inclusive 'All Abilities' playground is giving every child the means to live their childhood to the full'

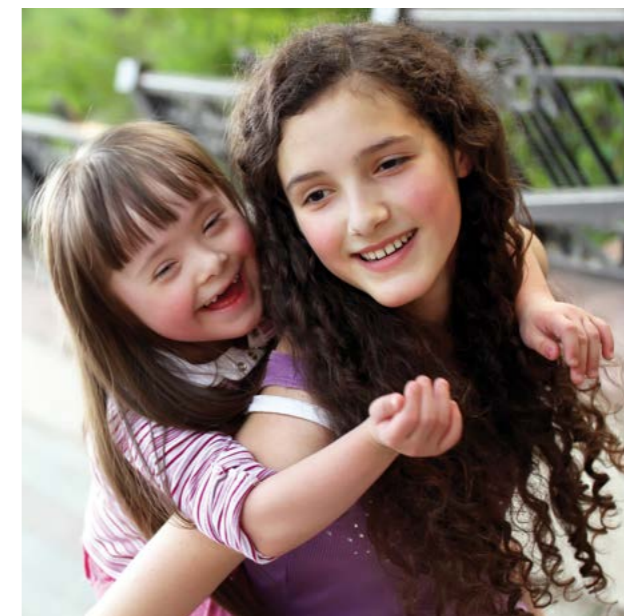
Children with disability are like all other children – to progress they need to develop their physical, cognitive, psychomotor and social skills, as well as their independence. They need to engage in the same activities as their friends, within their own capacities. They want to enjoy themselves like everyone else, with everyone else.

Creating a successful inclusive play area involves making it as accessible to as many children as possible, whilst also balancing different needs according to disabilities. The needs of carers must also be taken into consideration.

At Proludic we strive to offer all children the enjoyment of play, to facilitate playing as a shared experience and give every child the means to blossom and develop.

Our design approach follows our universal design principles including:

- **Encourage children to play together** by laying out the play equipment with great care to enable children and carers to move around the playground with ease, and to interact and communicate with one another.
- **Provide a wide range of play equipment and activities** to meet the needs of many types of possible disabilities.
- **Provide a number of access and exit points** on structures to prevent blockages if a difficulty is encountered.
- **Integrate wheelchair use** into various play activities, but also provide opportunities for children who are able to spend time out of their wheelchairs with assistive aids and carers.
- **Provide simple activities with gradual progression in levels of difficulty** to enable children to experience success and to also stimulate development.
- **Provide sensory equipment** to stimulate the senses and promote development. Use appropriate colours, shapes, textures and sounds. Offer activities that provide sensations that allow children to learn and feel the vitality in their body.
- Provide equipment and spaces that **allow children to withdraw for quiet periods** when they need to have a rest from what is going on around them.
- **Integrate access and the presence of carers** who need places to sit down. Carers also need to be able to take part in the play activities and move around the play equipment.



Proludic supports the aims and implementation of the **National Disability Strategy**. In line with Policy Direction 1 for the outcome of Inclusive and Accessible Communities we have incorporated Universal Design Principles into this playground proposal and our playground equipment. This will assist people with disability to live in accessible and well-designed communities with opportunity for full inclusion in social, economic, sporting and cultural life.

Everyone Can Play Guidelines

'Play is for everyone, regardless of age, ability or cultural background'

Everyone Can Play - A Guideline to Create Inclusive Playspaces, NSW Government, Feb 2019

The 'Everyone Can Play' guidelines define a set of key principles for inclusive play design and provide tools to convert ideas into improvements. The presented playground design has been developed with regard to these guidelines and considers



CAN I GET THERE?

The design of the playground has been developed to ensure users are able to find their way to, in and around the playspace. Key features include:

- ✓ a coherent layout with defined zones, including active, passive and sensory play which are easy to navigate to and between
- ✓ connections to existing (& proposed) path networks, with options for unimpeded routes to the playspace with no steps or obstacles to negotiate
- ✓ signage located adjacent to pathways at key entry / exit points defining the play area entry /exit points, layout and key features / amenities (details TBC)



CAN I PLAY?

The playground proposal provides a variety of challenging and engaging play opportunities. The design facilitates a play experience suitable for all. Specifically:

- ✓ the range of play opportunities and equipment provides interest for all ages and abilities with a range of physical challenges
- ✓ equipment facilitates the development of cognitive, social, emotional and fine motor skills
- ✓ design and layout enables exciting individual experiences and social interaction, whether playing alone or as a group
- ✓ play equipment with accessible attributes ie carousel, pod swing
- ✓ equipment theming and colour palette respond to the local bushland context
- ✓ a mix of playground surfacing including sand, rubber and mulch safety surfacing provides a range of access options and sensory stimulation



CAN I STAY?

The playspace design includes features to ensure everyone can stay and play for as long as they would like, including:

- ✓ safety by design considerations: passive surveillance from neighbouring properties, clear sight lines through the playground between seating areas and play zones
- ✓ facilities including a range of seating options (formal & informal), litter bins and toilets in close proximity to the play area
- ✓ a variety of landscape settings which are welcoming and comfortable, including shaded seating and opportunities to socialize and connect with others
- ✓ a cohesive design which nestles within the existing bushland context and connects with the wider environment



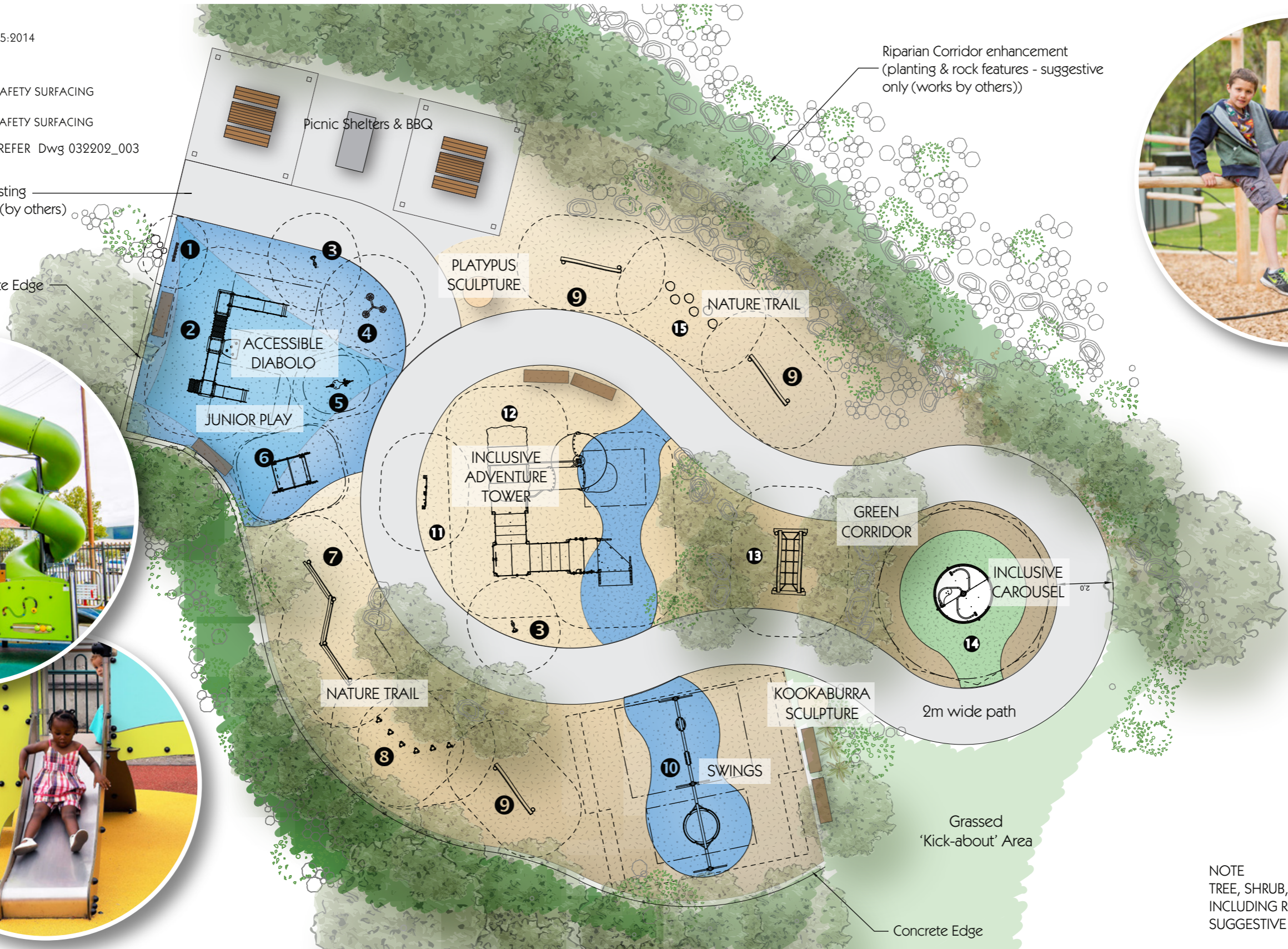
LEGEND

- IMPACT AREA AS4685:2014
 - FREE SPACE
 - PROPOSED RUBBER SAFETY SURFACING
 - PROPOSED MULCH SAFETY SURFACING
- FOR EQUIPMENT SCHEDULE REFER Dwg 032202_003

Connection to existing footpath network (by others)

Concrete Edge

Riparian Corridor enhancement (planting & rock features - suggestive only (works by others))



NOTE
TREE, SHRUB, RIPARIAN PLANTING INCLUDING ROCKS & BOULDERS - SUGGESTIVE ONLY (works by others)

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RIVERSIDE PARK
Goulburn - Mulwaree Council

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EQUIPMENT LAYOUT PLAN

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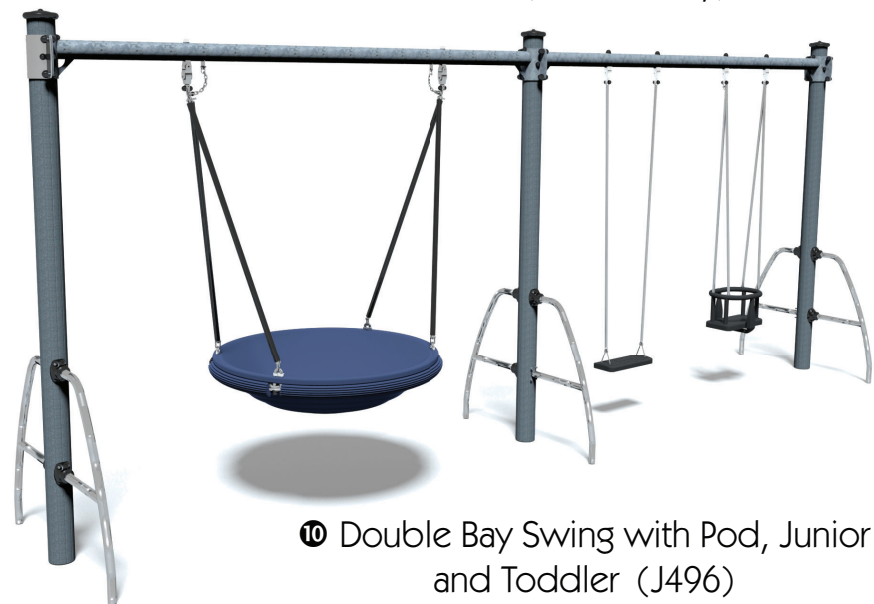
Riverside Park - Equipment Schedule



1 Rainbow Trio Chimes (Musical Play)

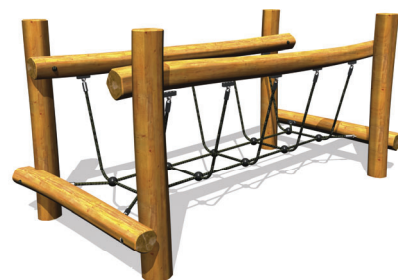


4 Harmony Bells (Musical Play)



10 Double Bay Swing with Pod, Junior and Toddler (J496)

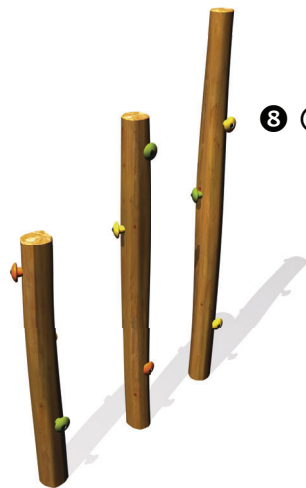
13 Origin Suspended Net (J4902)



3 Tubophone (J3410)



2 Accessible Junior Diabolo (J38124-C)



8 Origin Climbing Posts (J4905)



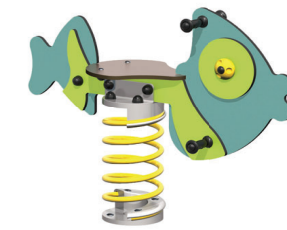
7 Origin Rope Walkway (J4908)



14 Accessible Carousel (J2409)



11 Australian Animal Play Panel (Z18-3421)



5 Frankie the Fish Springer (J821)



6 Row Boat Group Springer (J859)



15 Origin Japanese Steps (J4904)



9 Origin Balancing Log (J4903)

12 Adventure Tower (Z19-0017sp)



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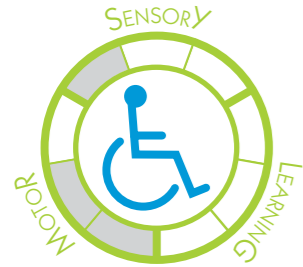
FOR EQUIPMENT LAYOUT REFER
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Adventure Tower



Z19-0017SP

The Adventure themed equipment transports children into the leafy undergrowth of a jungle environment. Either aboard the jeep or by crossing the suspended bridge, the young explorers go in search of the secret temple. Along the way they will come in contact with a whole host of wonderful wild animals. Each of the structures comes complete with a wide range of play elements containing challenges to stimulate the senses.

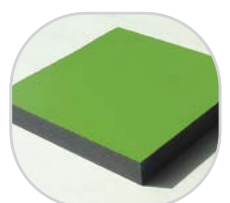


Range:	The Fantastic Cities
Ages:	3+ yrs
Capacity:	40v
Size:	W 5.9m D 11.5m H 7.2m
Free Height of Fall:	3.1m



[Click Here for more info...](#)

Wolseley Park, NSW



1 The coloured panels are made from a 13mm thick compact material (HPL). Robust in construction, it offers excellent resistance to weathering and vandalism.



2 The 125mm diameter posts are made of lacquered galvanised steel, ensuring robustness and durability. The caps are made of injection moulded polyamide.

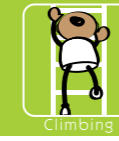
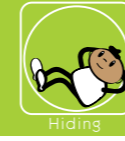


3 The tubular slide is made of rotary moulded polyethylene.



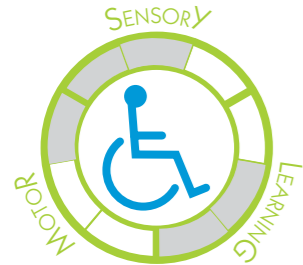
4 The platforms are made from a 12.5mm thick, textured, non-slip compact material (HPL).

Accessible Diabolo



J38124-C

Diabolo is an all in one multi-play solution, ideal for compact areas it is suitable for children aged from 2 to 10 years old. The items include traditional element to encourage younger and older children to play together and more challenging elements that younger children will be able to use as they develop. The ideal item for a neighbourhood park appealing to a wide range of age groups.

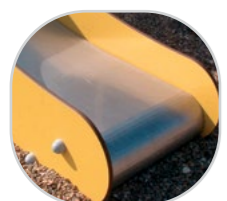


Range:	Multi-Play
Ages:	2+ yrs
Capacity:	20
Size:	W 3.9m D 3.0m H 3.6m
Free Height of Fall:	1.17m



[Click Here for more info...](#)

Hennessy Tape Oval, NSW



1 The slide slope is made of 304 stainless steel 2mm thick, shaped, bent and rolled in one piece.



2 The coloured panels are made with a compact material 13mm thick. It is made up of 70% of softwood fibres and 30% of thermosetting resin, and it stands up to weathering very well (sun, rain, damp, etc.).



3 The platforms and the climbing walls are made from a 12.5mm thick, textured, non-slip compact material (HPL).



4 The tubes are made of stainless steel, diameter 40mm, guaranteeing lasting durability and reliability of the equipment.

Metal Double Bay Swing with Pod

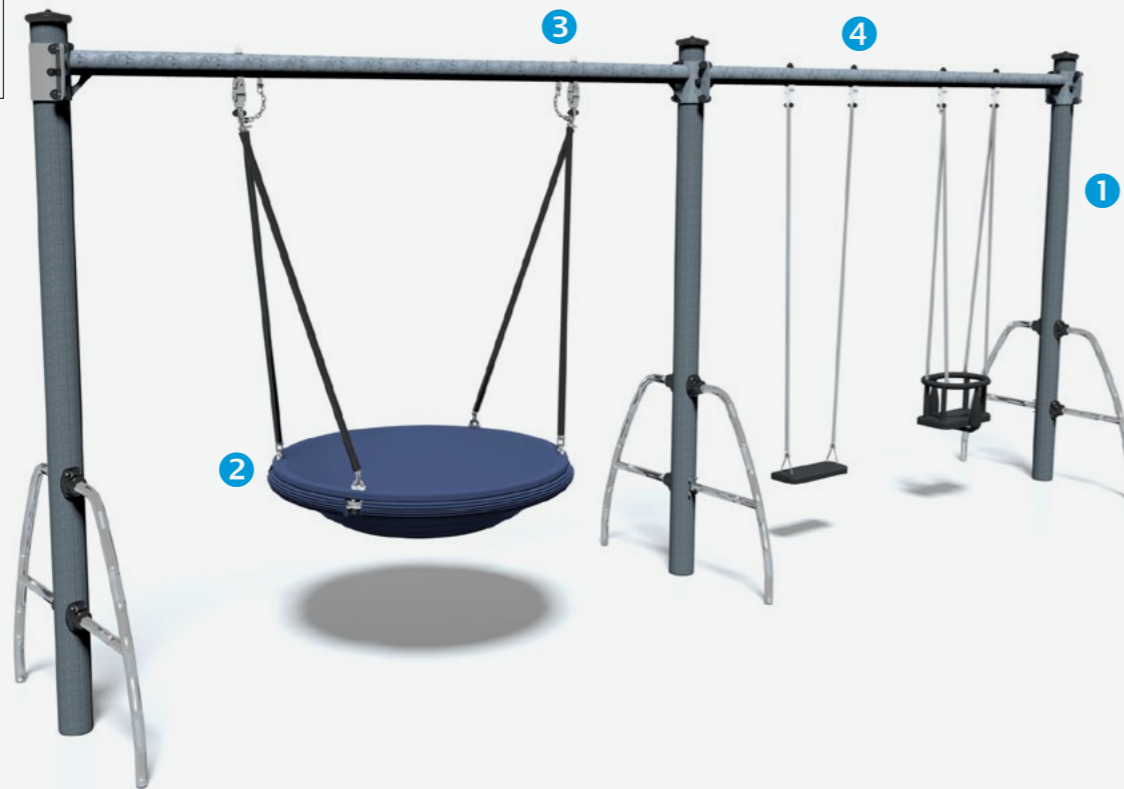


J496

Swings have given generations of children the sensation of flying through the air and the fun of reaching for the sky! Swings combine motor coordination with sensory stimulation, while repetition of movement also has a calming effect. The pod seat allows for a seated or lying position and is at a height suitable for easy transfer from a wheelchair. The toddler and junior seats allow children to select a supportive seat appropriate to their age.



Range:	Traditional
Ages:	2+ yrs
Capacity:	7
Size:	W 6.36m D 1.22m H 2.63m
Free Height of Fall:	1.55m



[Click Here for more info...](#)

Austin Crescent Reserve, VIC



1 The 125mm diameter posts are made of lacquered galvanised steel. The two-tone grey graining finish has a slightly undulating surface for increased scratch resistance.



2 The pod is made from a single piece of rotary moulded polyethylene. It is fixed to a stainless steel frame that is fitted with buffers.



3 The horizontal beams of the swings are made of non-painted galvanised steel. The swing bearings are made of stainless steel.



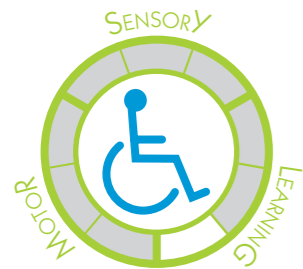
4 The fixings are made of stainless steel and protected by anti-vandalism polyamide caps.

Accessible Carousel



J2409

Rotating equipment is suitable for children of all ages, providing good sensory and motor stimulation. The Accessible Carousel is an inclusive item of play equipment which allows access for all children to play side by side, including those using mobility aids. Several children, and a carer when needed, can play together, embracing the true meaning of inclusion and social integration.



Range:	Rotating
Ages:	2+ yrs
Capacity:	6
Size:	W 2.04m D 2.04m H1.2m
Free Height of Fall:	1.5m



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INTL



1 The 157mm diameter post is made of lacquered galvanised steel. The two-tone grey graining finish has a slightly undulating surface for increased scratch resistance.



2 The platform is made from aluminium.



4 The tubes are made of stainless steel, diameter 40mm, guaranteeing lasting durability and reliability of the equipment.



4 The stainless steel fixings are protected by polyamide anti-vandalism caps.

Rowing Boat

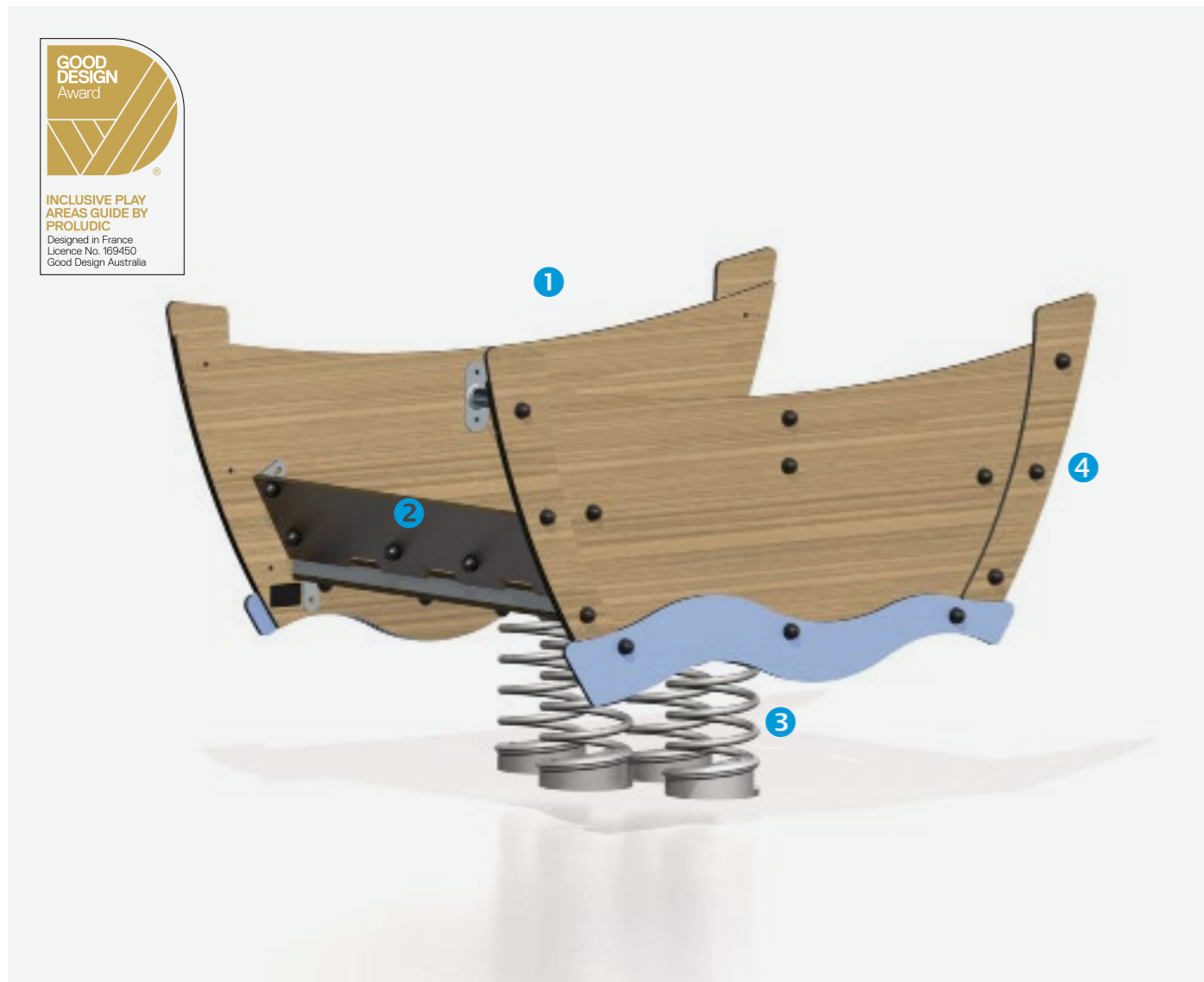


J859

Unique in terms of its size, it can cater for up to 6 users at any one time encouraging group play. Its size means it is accessible for older users with learning difficulties who want to enjoy the rocking motion. The spring rides are ergonomically designed for maximum user comfort and safety. The shapes are designed to stimulate the imagination.

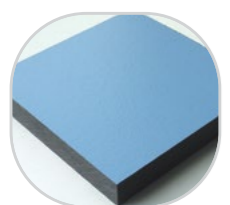


Range:	Moving
Ages:	2+ yrs
Capacity:	6
Size:	W 1.7m D 1.1m H 1.0m
Free Height of Fall:	0.51m

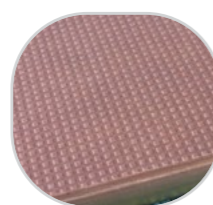


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Queens Gardens, WA



1 The coloured panels are made from a 13mm thick compact material (HPL). Robust in construction, it offers excellent resistance to weathering and vandalism.



2 The seats are made with a compact material 13mm thick. A mix of softwood fibres and thermosetting resin, which stands up to weathering very well.



3 The springs are made from Grade 35SCD6 steel, shot blasted, stress relieved, zinc coated and finished with two coats of epoxy polyester powder.



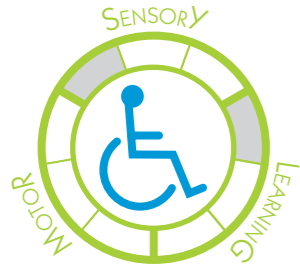
4 The stainless steel fixings are protected by polyamide anti-vandalism caps.

Frankie The Fish

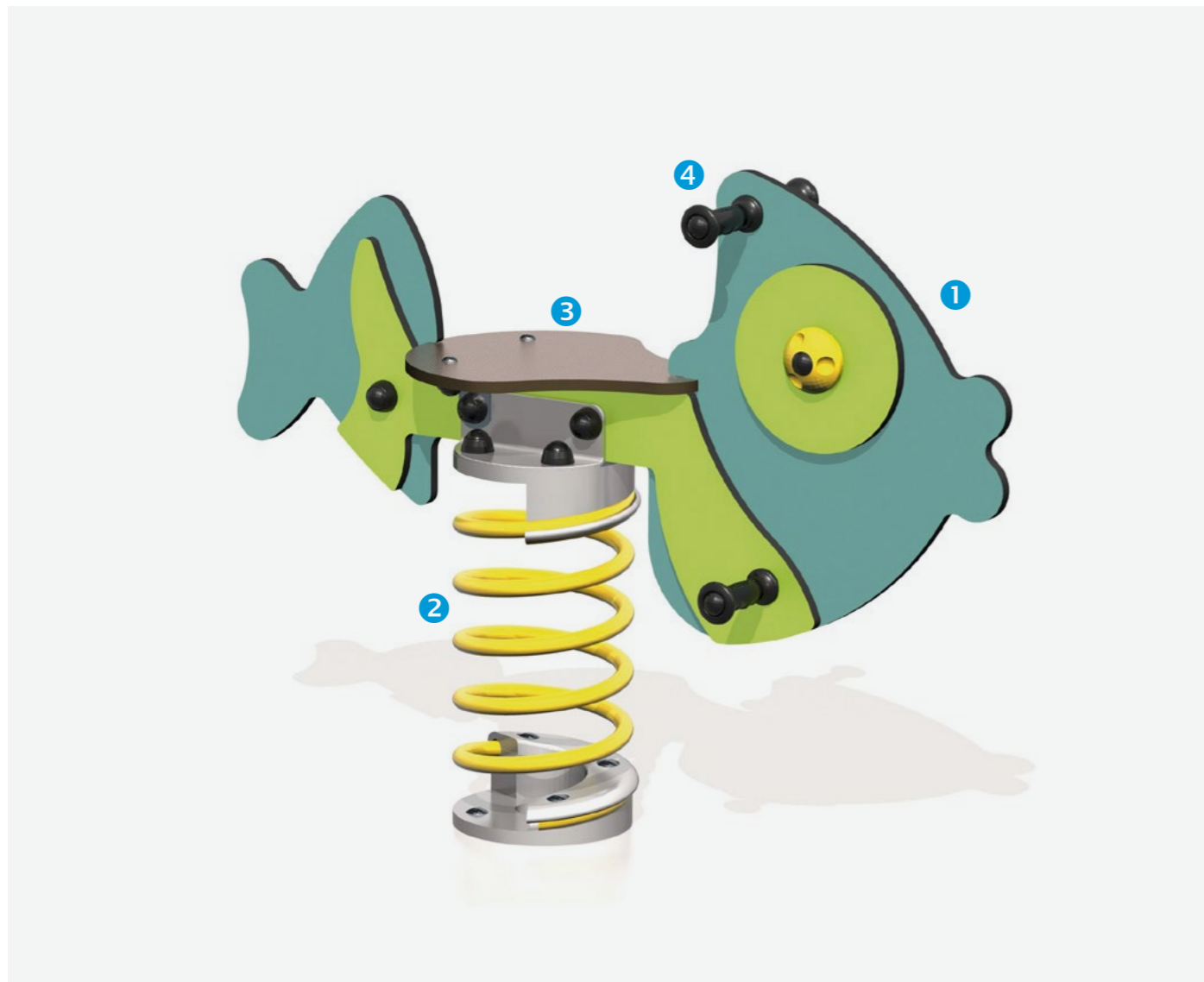


J821

Springers are essential equipment in playgrounds. They enhance the sense of balance and help children learn to coordinate their movements. Each springer is ergonomically designed for maximum user comfort and safety. Their playful & colourful shapes are based on familiar themes designed to stimulate a child's imagination. Frankie the Fish enhances any playground.

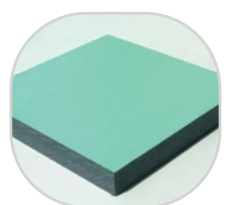


Range:	Moving
Ages:	2+ yrs
Capacity:	1
Size:	W 0.98m D 0.3m H 0.78m
Free Height of Fall:	0.54m



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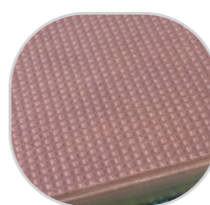
Semaphore Playground, SA



1 The coloured panels are made from a 13mm thick compact material (HPL). Robust in construction, it offers excellent resistance to weathering and vandalism.



2 The springs are made from Grade 35SCD6 steel, shot blasted, stress relieved, zinc coated and finished with two coats of epoxy polyester powder.



3 The seats are made with a compact material 13mm thick. It is made up of 70% of softwood fibres and 30% of thermosetting resin, and it stands up to weathering very well.



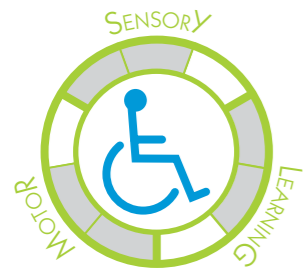
4 The handles and footrests are made of very strong polyamide plastic.

Tubophone



J3410

Interactive play experiences provide children with fun activities that help develop social skills and the pleasure of playing together. The Tubophones enhance learning as children (and carers!) communicate with each other across space, talking and listening together. The two components can be placed up to 25m apart in the play area and stimulate hearing capacities.



Range:	Play Panels
Ages:	2+ yrs
Capacity:	2
Size:	W 0.20m D 0.50m H 1.15m
Free Height of Fall:	0m

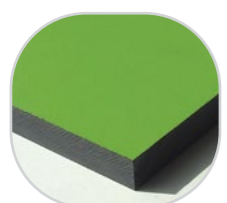


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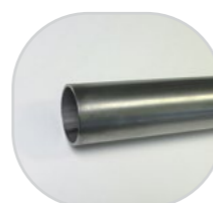
Waverley Park, VIC



1 The coloured panels are made with a compact material 13mm thick, 70% fibres and 30% thermosetting resin. The panels stand up to weathering very well (sun, rain, damp, etc.).



2 The 95mm square posts are made of painted steel, ensuring robustness and durability



3 The tubes are made of stainless steel, diameter 40mm, guaranteeing lasting durability and reliability of the equipment.



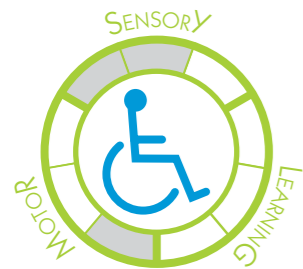
4 The stainless steel fixings are protected by polyamide anti-vandalism caps.

Australian Animal Play Panel



Z18-3421

Play panels and interactive play experiences provide young children with yet another way of having fun, through a learning approach that enhances their ability to observe and concentrate. Many of the play panels include educational games with movable elements that children can learn from and also enjoy using.



Range:	Play Panels
Ages:	1+ yrs
Capacity:	2
Size:	W 1.20m D 0.13m H 1.50m
Free Height of Fall:	0m

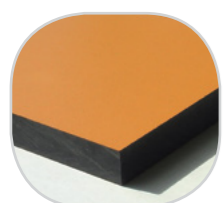


Featuring Wombat, Kangaroo, Platypus and Tree Frog



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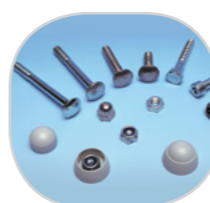
Bert Payne Playground, NSW



1 The coloured panels are made with a compact material 13mm thick, 70% fibres and 30% thermosetting resin. The panels stand up to weathering very well (sun, rain, damp, etc.).



2 The 95mm square posts are made of painted steel, ensuring robustness and durability



3 The stainless steel fixings are protected by polyamide anti-vandalism caps.

Origin Suspended Net

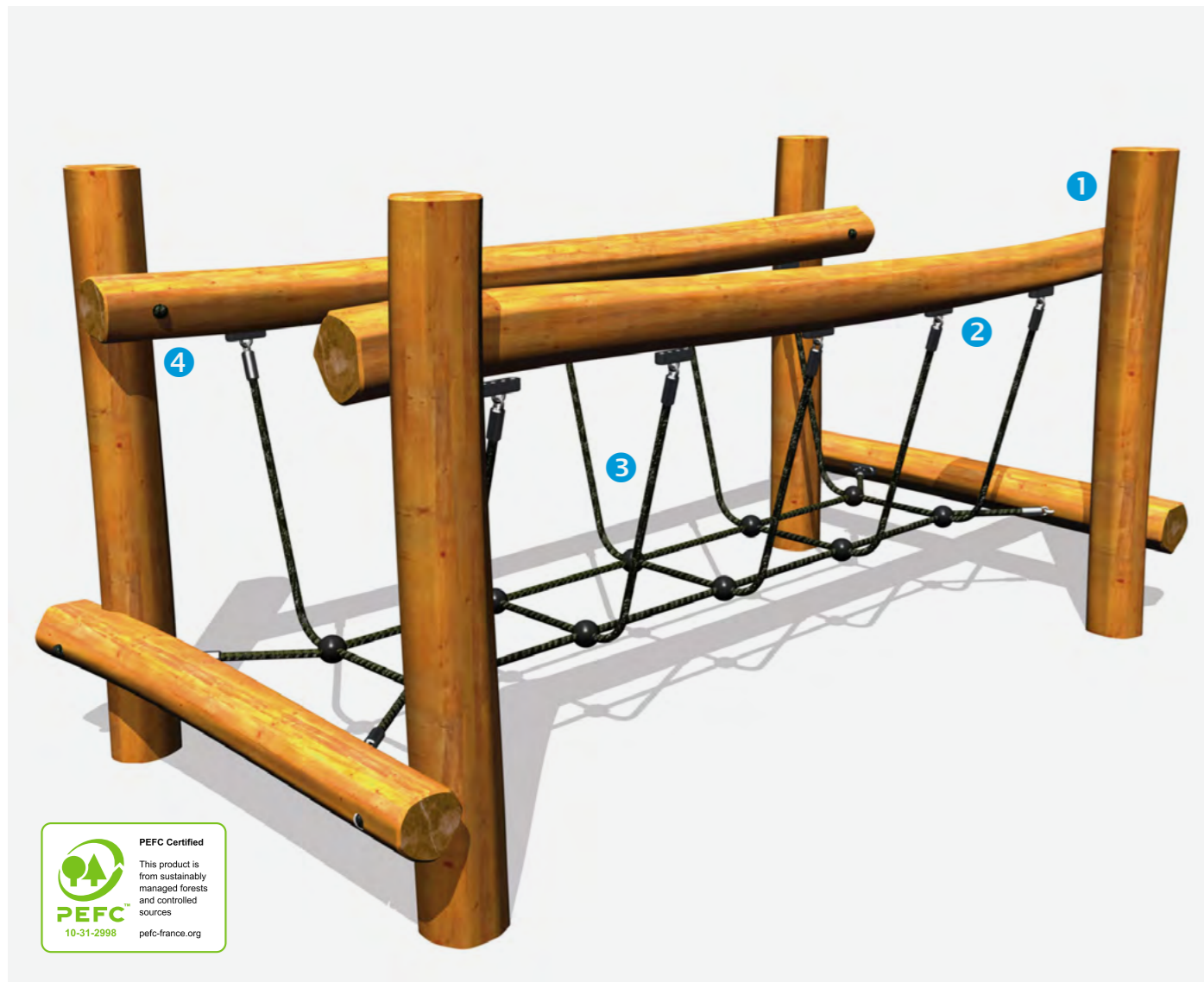


J4902

The Origin range draws its inspiration from nature, suiting more natural settings. The range comprises of a series of trails, Multi-play units and traditional play items offering differing and progressive levels of difficulty and challenge for children. The size and design of these Robinia items enable users of all ages to experience a natural playground environment.



Range:	Origin
Ages:	3+ yrs
Capacity:	5
Size:	W 2.0m D 1.0m H 1.20m
Free Height of Fall:	0.6m



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1 The posts (120-140mm diameter), are made from sap free Robinia. The Robinia is sanded and has had its bark removed. Robinia is naturally rot proof and does not require any additional chemical protection.



2 The fixings for the nets and chains are made from aluminium.

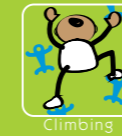


3 The ropes are made of galvanised steel cable covered with polypropylene. Injection moulded polyamide connectors link the cables and keep the nets in shape.



4 The fixings are made of stainless steel and protected by anti-vandalism polyamide caps.

Origin Climbing Posts



J4905

The Origin range draws its inspiration from nature, suiting more natural settings. The range comprises of a series of trails, Multi-play units and traditional play items offering differing and progressive levels of difficulty and challenge for children. The size and design of these Robinia items enable users of all ages to experience a natural playground environment.



Range:	Origin
Ages:	4+ yrs
Capacity:	3
Size:	W 1.30m D 0.14m H 2.50m
Free Height of Fall:	2.10m



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Tidlangga Park, SA



1 The posts (120-140mm diameter), are made from sap free Robinia. The Robinia is sanded and has had its bark removed. Robinia is naturally rot proof and does not require any additional chemical protection.



2 The climbing holds are made of polypropylene. They are non-toxic, non-flammable and shock and UV resistant.



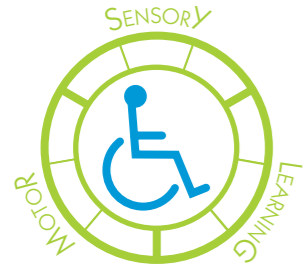
3 The fixings are made of stainless steel and protected by anti-vandalism polyamide caps.

Origin Balancing Log

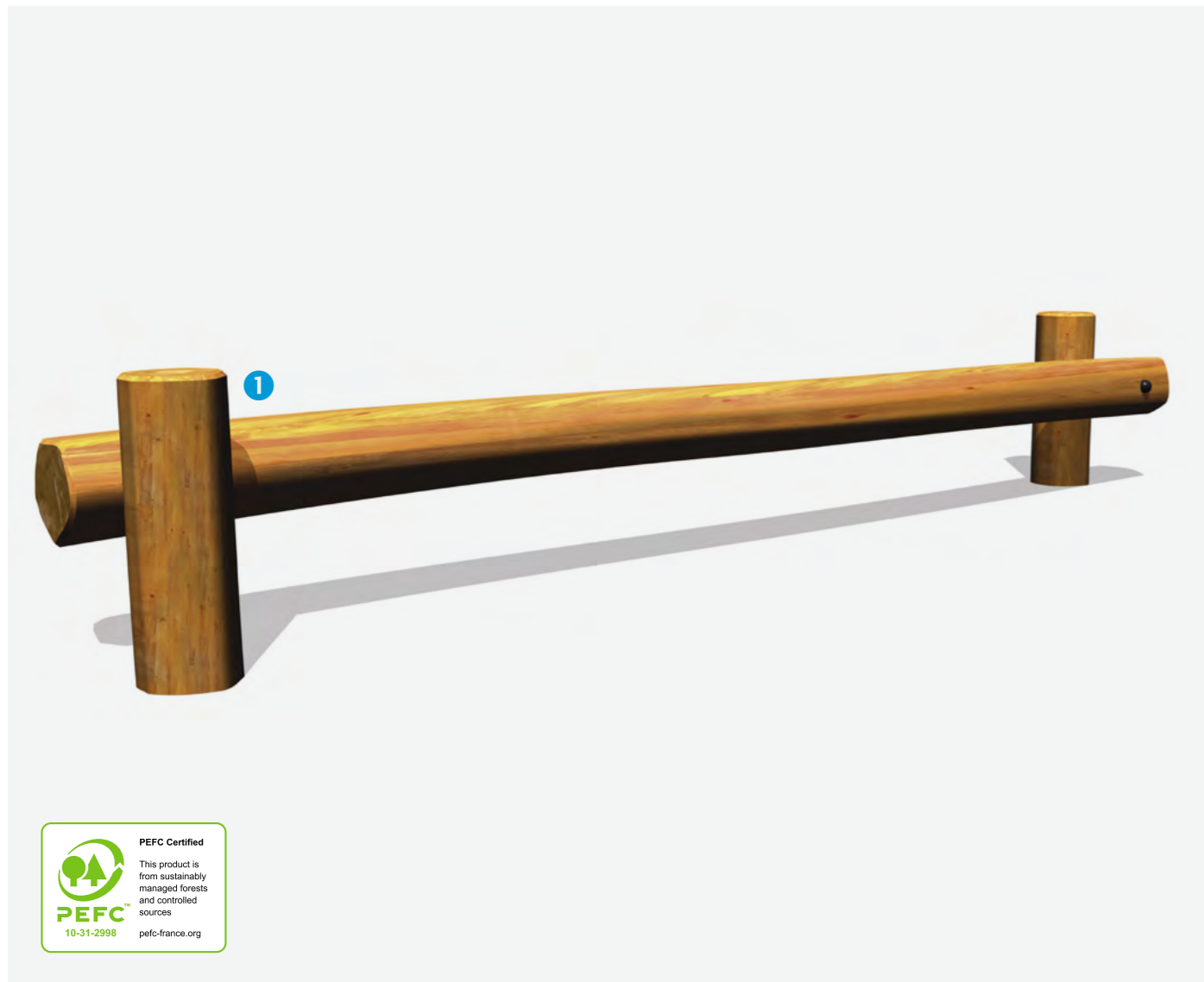


J4903

The Origin range draws its inspiration from nature, suiting more natural settings. The range comprises of a series of trails, Multi-play units and traditional play items offering differing and progressive levels of difficulty and challenge for children. The size and design of these Robinia items enable users of all ages to experience a natural playground environment.



Range:	Origin
Ages:	3+ yrs
Capacity:	3
Size:	W 2.10m D 0.30m H 0.40m
Free Height of Fall:	0.60m



1 The posts (120-140mm diameter), are made from sap free Robinia. The Robinia is sanded and has had its bark removed. Robinia is naturally rot proof and does not require any additional chemical protection.



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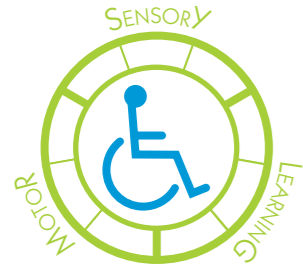
Tidlangga Park, SA

Origin Rope Walkway

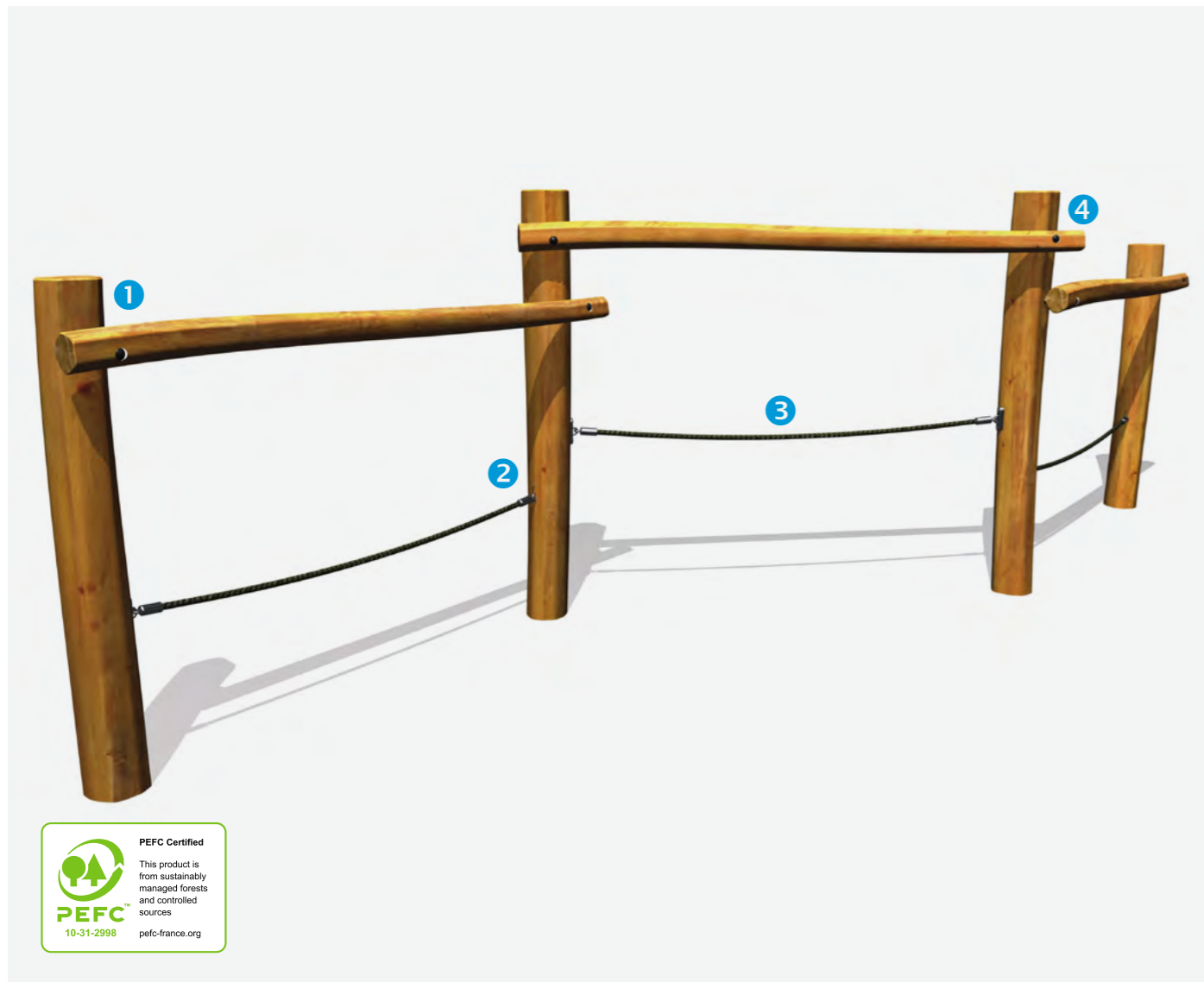


J4908

The Origin range draws its inspiration from nature, suiting more natural settings. The range comprises of a series of trails, Multi-play units and traditional play items offering differing and progressive levels of difficulty and challenge for children. The size and design of these Robinia items enable users of all ages to experience a natural playground environment.



Range:	Origin
Ages:	3+ yrs
Capacity:	6
Size:	W 4.40m D 1.30m H 1.60m
Free Height of Fall:	0.60m



[Click Here for more info...](#)

Tidlangga Park, SA



1 The posts (120-140mm diameter), are made from sap free Robinia. The Robinia is sanded and has had its bark removed. Robinia is naturally rot proof and does not require any additional chemical protection.



2 The fixings for the nets and chains are made from aluminium.



3 The ropes are made of galvanised steel cable covered with polypropylene. Injection moulded polyamide connectors link the cables and keep the nets in shape.



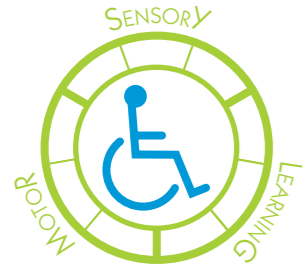
4 The fixings are made of stainless steel and protected by anti-vandalism polyamide caps.

Origin Japanese Steps



J4904

The Origin range draws its inspiration from nature, suiting more natural settings. The range comprises of a series of trails, Multi-play units and traditional play items offering differing and progressive levels of difficulty and challenge for children. The size and design of these Robinia items enable users of all ages to experience a natural playground environment.



Range:	Origin
Ages:	3+ yrs
Capacity:	3
Size:	W 2.30m D 0.60m H 0.3m
Free Height of Fall:	0.60m



[Click Here for more info...](#)

Wellard Estate, WA



1 The steps are made from sap free Robinia. The Robinia is sanded and has had its bark removed. Robinia is naturally rot proof and does not require any additional chemical protection.