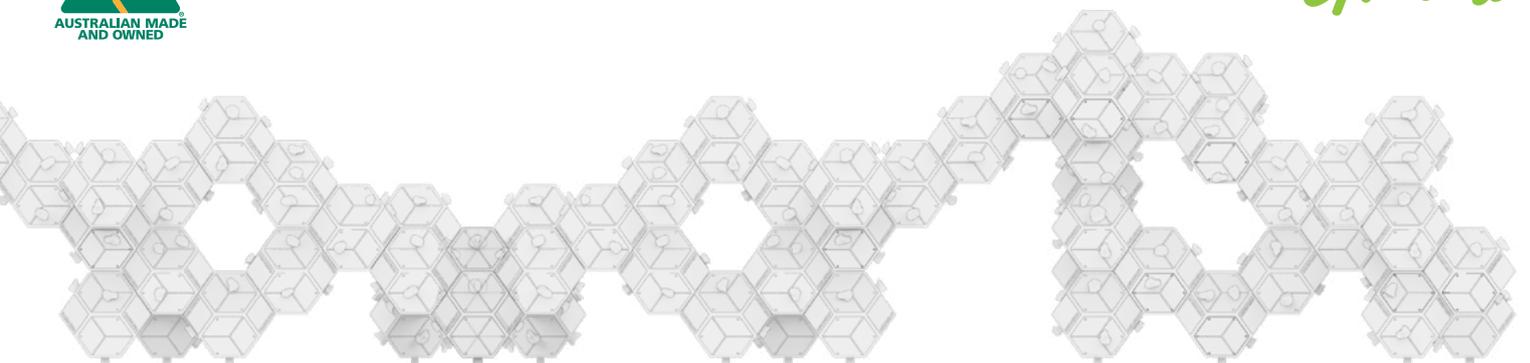


industrial by nature



CHALLENGE.PLAY. *Grow*





“Climbing has gone from niche sport to worldwide sensation.”

- The Guardian, 2018

What is Challenge Play?

CHALLENGE PLAY is unstructured play that allows a child to challenge themselves. With their imagination and determination, children can continually create new and different obstacles to overcome as they develop.

CHALLENGE PLAY puts the child in charge of the task which enhances a child’s development, both physically and mentally.

The Benefits of Challenge Play

Play is a fundamental part of any child’s development. It allows children to use their creativity while developing their imagination, cognitive, and physical, and mental strength.

The benefits of **CHALLENGE PLAY** are essential to the growth of a child as it encourages the child to push themselves to their limits without being controlled by certain rules or specific direction.

CHALLENGE PLAY builds active, healthy bodies. Unstructured, physical play is an exceptional way to increase physical activity levels in children.

One of the most important and successful forms of **CHALLENGE PLAY** is Climbing. Climbing / Bouldering activities have been proven to enhance creativity, memory, and critical thinking abilities.

Why CLIMBING?



CLIMBING develops spatial awareness, motor skills, & memory.

CLIMBING is three dimensional problem solving. It introduces planning and goal setting to young children. Through the act of **CLIMBING** children develop and expand on their skills of logic, concentration and memory.

While being unstructured, **CLIMBING** still has clear paths that children take, where they can visually see their progress and feel rewarded.



HOUR A DAY

A hour a day of alternative activities, such as climbing, can lead to major improvements academically



WORKS ALL PARTS OF THE BODY, INCLUDING THE BRAIN.

Studies have showed that just two hours after climbing, children’s capacity for working memory can increase by 50 percent.



BUILDS SOCIAL SKILLS

Climbing as an activity in teams teaches children about teamwork, leadership, and communication. Through climbing, children grow their social skills, allowing them to connect with their peers without difficulty.



About industrial by nature

Industrial by Nature (IBN) is a creative business, born from our background in **product design** and **product engineering**. We have over 45 years experience in product development, structural design, mechanical engineering, manufacturing and delivering new products to businesses around the world.

Every product we make, every structure we build, we have proudly **designed and manufactured in Melbourne, Australia**. Our goal is to provide challenging play structures that are unique, inviting and long lasting.

We value inclusive activity and trust our structures embrace the needs of all. We understand what children of all ages require to be challenged and engaged. We vigorously test all our products. We design, we climb, we build, we install. **We stand behind everything we do.**



www.industrialbynature.com.au



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CHALLENGE.PLAY. *Grow*

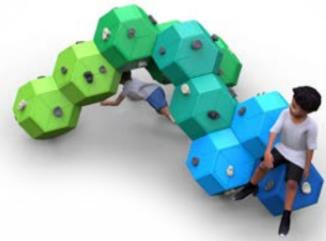


Cumulus Range

CUMULUS® is a sensory introduction to rock climbing specifically designed for young children.

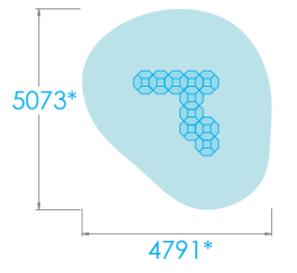
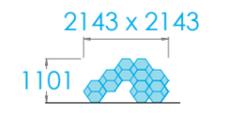
Clustered together to form a fascinating shape of infinite possibilities, it aims to ignite the imagination through sensory play. The **CUMULUS** standard range includes three sizing options, available in an endless palette of colours to suit any environment.

CHALLENGE.PLAY. Learn



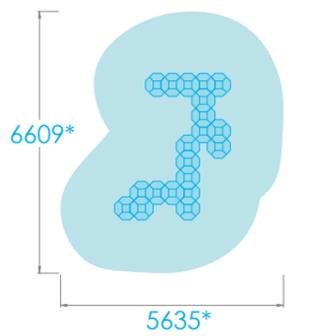
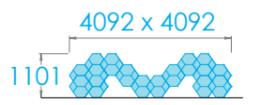
STRATO 4

This pocket-sized cluster optimises any small space with its unique appearance while offering captivating exploration for children. The **STRATO** can be colour matched to blend in or stand out from its surroundings. It is an entry level structure that makes a statement. It invites children to discover climbing, scrambling and dynamic movement as never before.



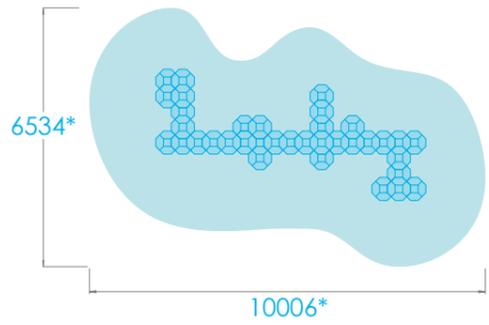
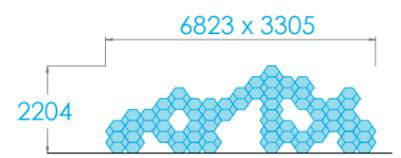
ALTO 8

The **ALTO** steps up in size and adds double the playspace while keeping things at a low height. It shares the same flexibility in colour schemes and will work in with the surroundings or jump out and entice the audience.



CIRRO 18

The **CIRRO** will be the centrepiece of any modern playspace for young children. Its appearance and scale will set it apart from your average playground. **CIRRO** reaches for the sky, adding height and challenge. This structure will find the climber in everyone.



*Fallzone in shaded region
Softfall to AS 4685:1

CHALLENGE.PLAY. Enhance



Cumulus Custom

The sky is the limit in terms of customising **CUMULUS**. The modular nature of each shape allows for an endless configuration of structures, thus altering the design landscape, appearance and level of difficulty. Colour is an integral part of sensory play so IBN works with clients to develop a visually appealing aesthetic to encourage interaction whilst complimenting the surrounding environment.

Popular CUSTOM APPLICATIONS:

- Seating
- Partitioning
- Stepping stones
- Rock climbing walls
- Integrated floor to wall mounted connections.
- Temporary installations



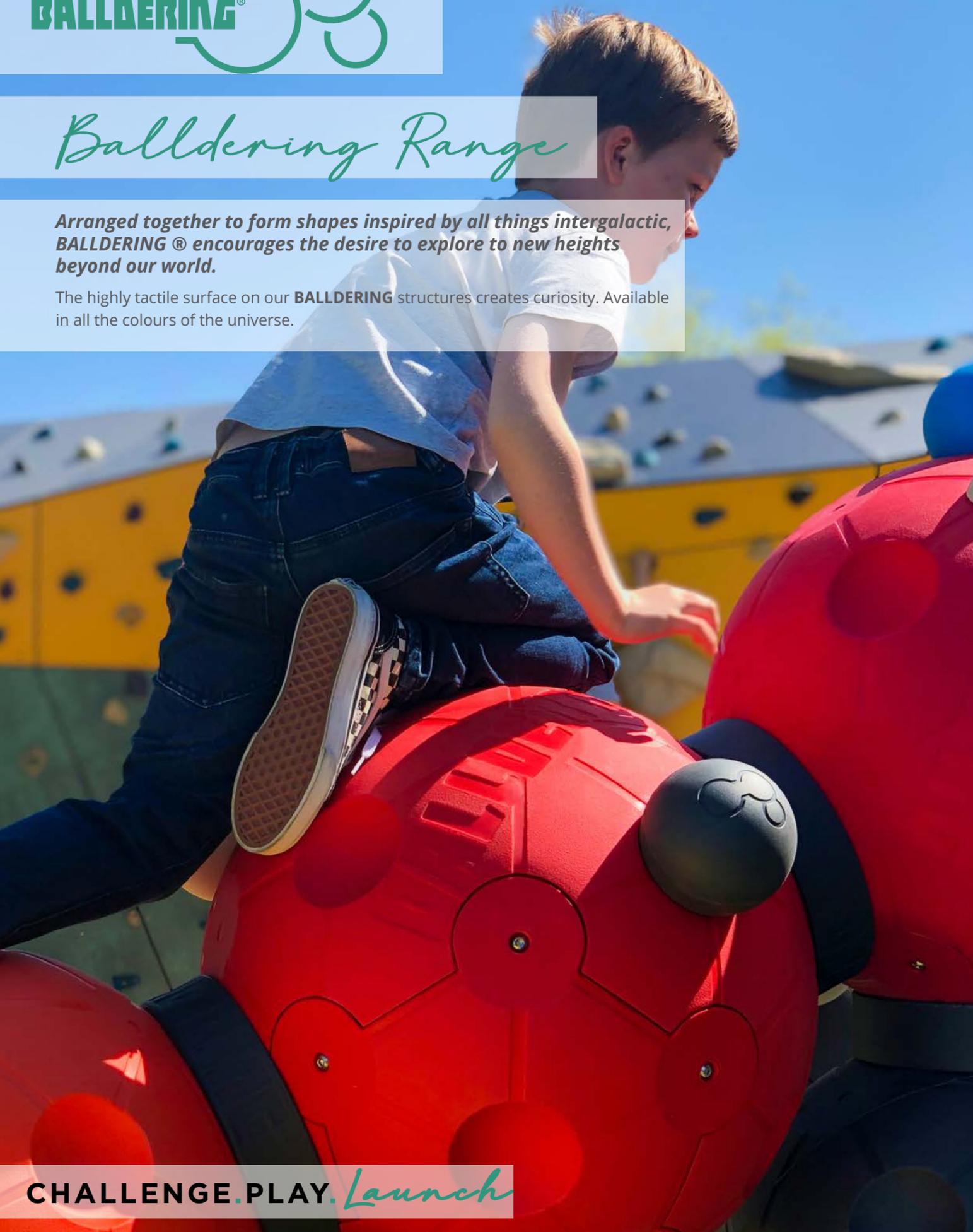
CHALLENGE.PLAY. *Explore*



Balldering Range

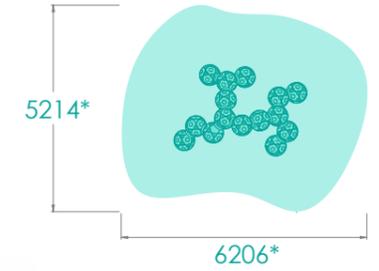
Arranged together to form shapes inspired by all things intergalactic, **BALLDERING**® encourages the desire to explore to new heights beyond our world.

The highly tactile surface on our **BALLDERING** structures creates curiosity. Available in all the colours of the universe.



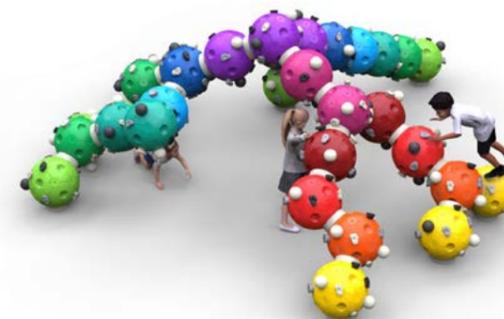
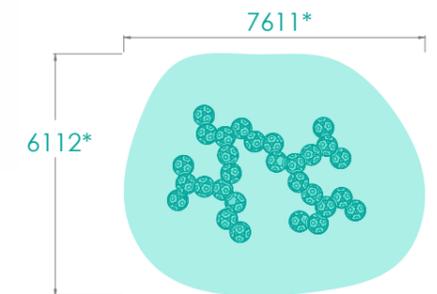
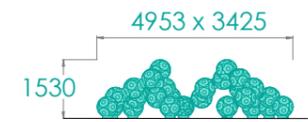
ASTRO *i*4

For little climbers who need to stay close to the earth's atmosphere, **ASTRO** is going to provide a challenge and reward. Tactile scrambling, climbing and dynamic movement on a shape from outer-space will keep the most enthusiastic beginner happy.



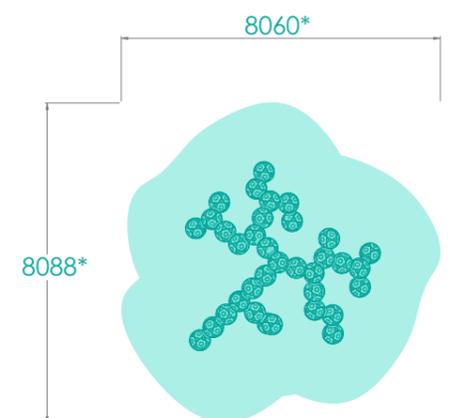
COSMOS *i*8

When more space is available and lots of little Martians need to be challenged, **COSMOS** will deliver. With twice the footprint of **ASTRO** while maintaining the focus of the beginners, **COSMOS** provides double the fun and entertainment.



SUPERNOVA *i*18

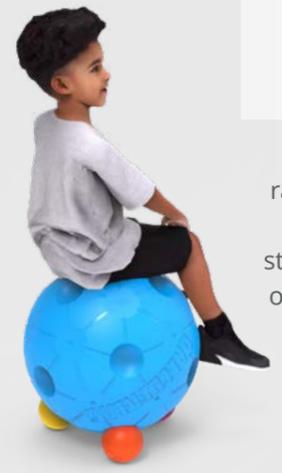
The aptly named **SUPERNOVA** is a galactic mega-structure. Designed to fulfil the needs of beginner climbers all the way up to the most ambitious adolescents who need a challenge. Geometrically, this structure is so unique, there has been nothing like it before. Just like its name, **SUPERNOVA** is a unique moment in time.



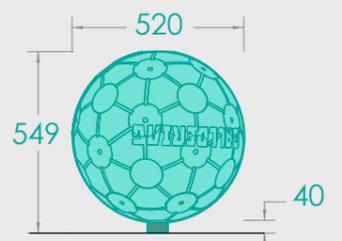
*Fallzone in shaded region
Softfall to AS 4685:1



Seating

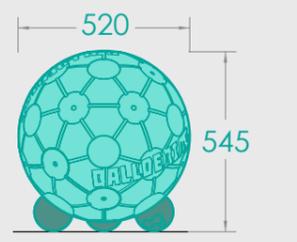


BALLDERING also offers a range of seats, to compliment either the **BALLDERING** structures, other **IBN** products or to stand alone. These seats are another product which adds colour and creation to any environment.



FIXED

Great for a scatter of seats around **BALLDERING** structures or as an addition to any space. With the **BALLDERING FIXED SEAT** comes colour and a fun new space.



FLOATING

With the **BALLDERING FLOATING SEAT** you can have multi-purpose areas where the seats can be easily moved around to suit the designated area.

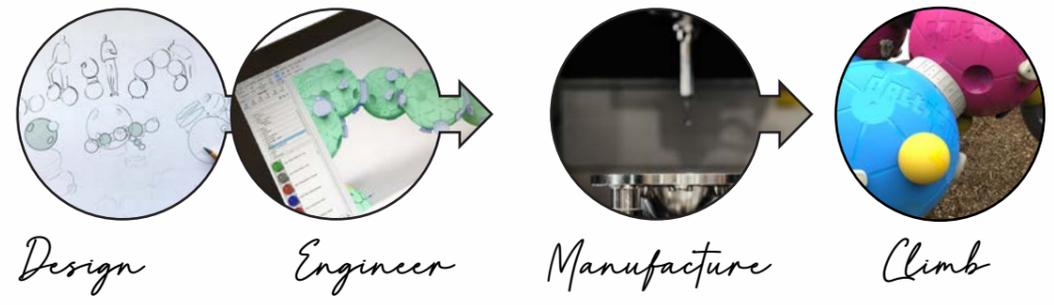
Balldering Custom

Launch your playspace into the outer galaxy with a **BALLDERING custom** configuration. The modular balls can twist and turn into *endless shapes* and structures. The only limit is your *imagination*.

As with all **BOULDERING** products, colour, climbing difficulty, and appearance can be all customised to appeal to the intended audience or the surrounding environment.



Development Process



CHALLENGE.PLAY. Inspire





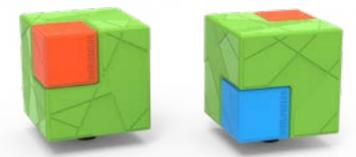
Cubix Range

Introducing CUBIX® the dynamic and colourful new seating range.

This modular range allows any space to be enhanced, whether it be an addition to an existing play space, or creating the space itself.

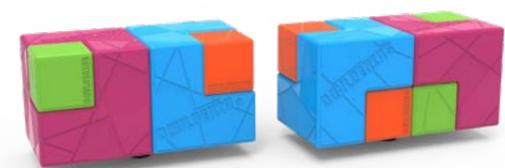
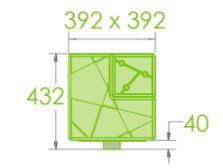


CHALLENGE.PLAY. *Uncover*



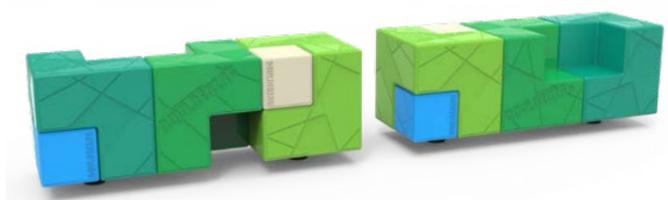
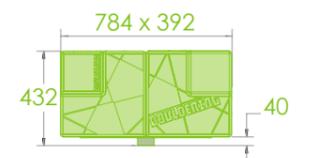
SINGLE

Populate your space with the Cubix **SINGLE SEAT**. The single seat configuration comes in an array of colours, and the unique design of the cubix will making a small area come to life. Available in fixed or moving.



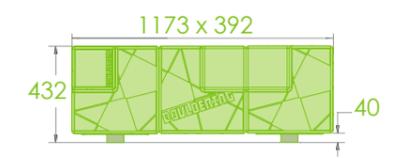
DOUBLE

Double up with the Cubix **DOUBLE SEAT**. Add to another configuration, or let it standing alone, the Double Seat fits into any area. Combine contrasting or complimentary colours to create dynamic looking seats that children will love. Available in fixed or moving.

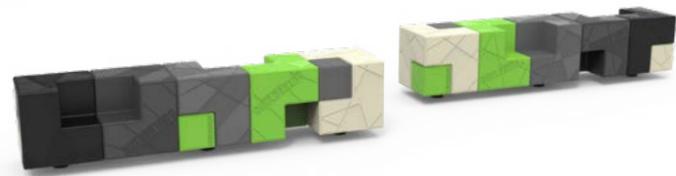


TRIPLE

The Cubix **TRIPLE SEAT** is the perfect product for any area with lots of activity. It can act as a colourful park bench or a playful space for children. The design of the Cubix allows for different functions in the Triple Seat, from a small couch in the middle to a large bench on top. Available in fixed or moving.

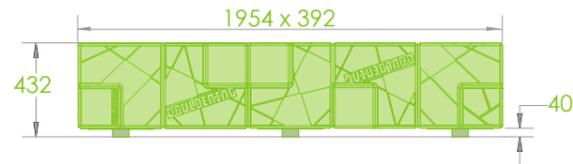


CHALLENGE.PLAY. *Commit*



FIVER

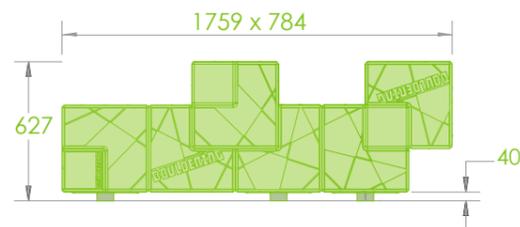
Stretching even further is the Cubix **FIVER**. More seating for larger areas, the FIVER brings colour and space into any area. indoor or outdoor. Available in fixed or moving.



ELEVATED

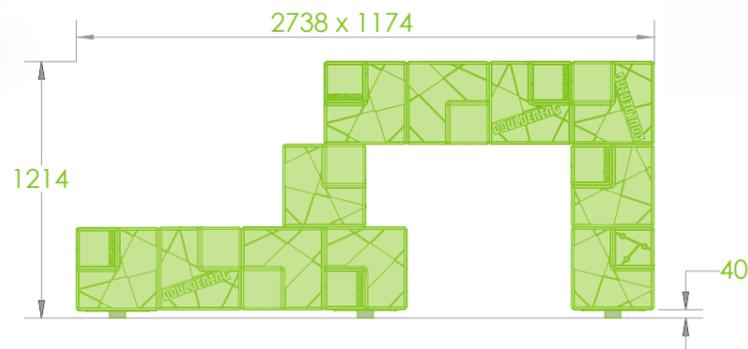
Cubix **ELEVATED** introduces a new level of height to the Cubix Range. ELEVATED slowly introduces the climbing aspect that IBN specialises in. With the continued use of colour, this appealing seat can be used in an environment.

Available in fixed only.



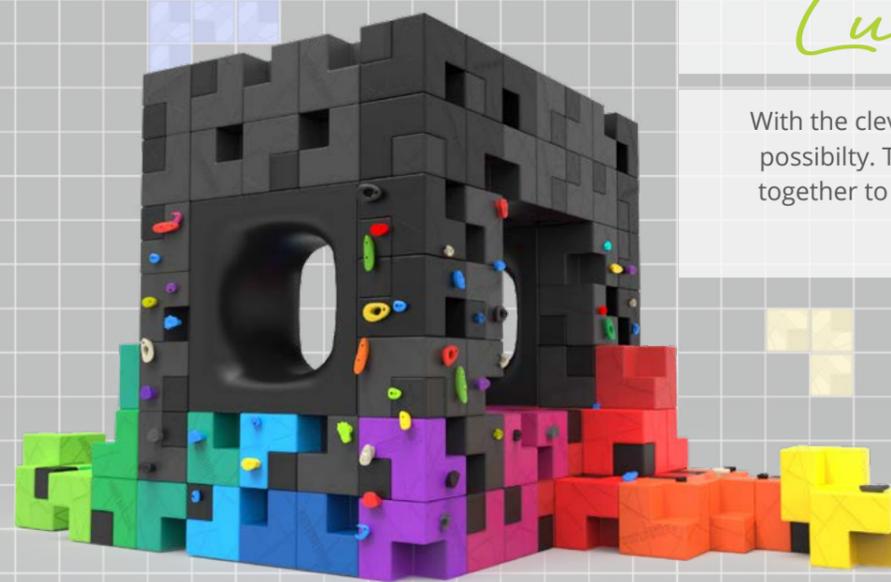
TUNNEL

The Cubix **TUNNEL** is the only seat of its kind. The fuse of Bouldering into a seating product makes the TUNNEL unique and wanted by all. Available in fixed only.

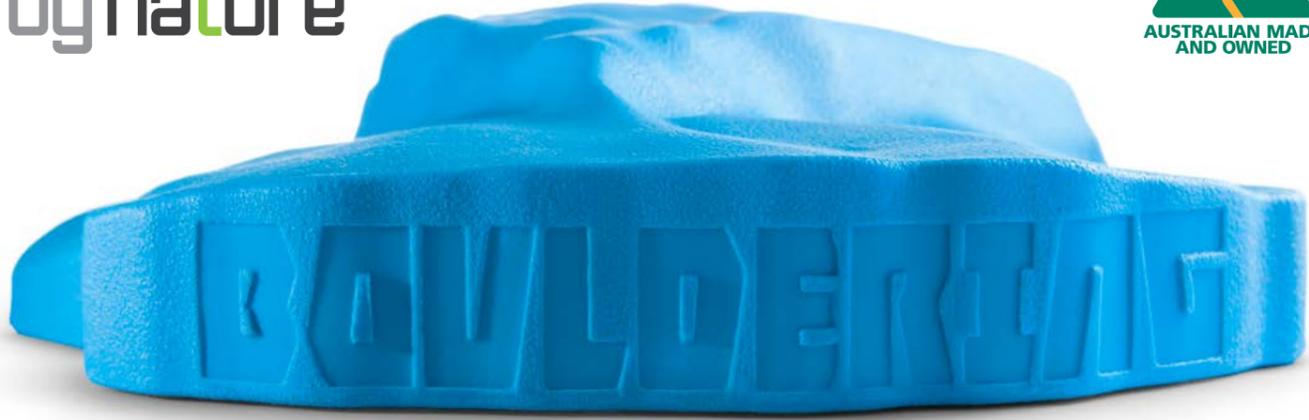


Cubix Custom

With the clever modular design of **CUBIX** comes endless possibility. Taking the seats further, the **CUBIX** connects together to form shapes, with the only limitations being imagination.



industrial
by nature



"Creativity is thinking up new things. Innovation is making new things."

-Theodore Levitt

We **Create**, we **Innovate**, we **Engineer**.



Production

Our products and their components are born from a variety of manufacturing processes. We consider all aspects of manufacturing and production to ensure our components are of the highest quality, being manufactured in the most suitable process.

Colour

The colour schemes available on our standard product ranges have been meticulously considered. We match colours to create eye catching designs that will appeal to the public and the user.

Material

We use only the best available materials. Australian made, fully recyclable HDPE, recycled HDPE, graffiti resistant HPL, Stainless Steel, hot dipped galvanised steel and incredibly robust Polyester. All our chosen materials have stood the test of time, weather and the high-traffic use of the general public.

Hold's

All of our grips, volumes and holds are carefully considered and created. We choose where they are positioned on the structure, what shape they will be and what colour we use. This process plays a significant part in the success of the final product and its one of our favourite jobs.

Custom Everything

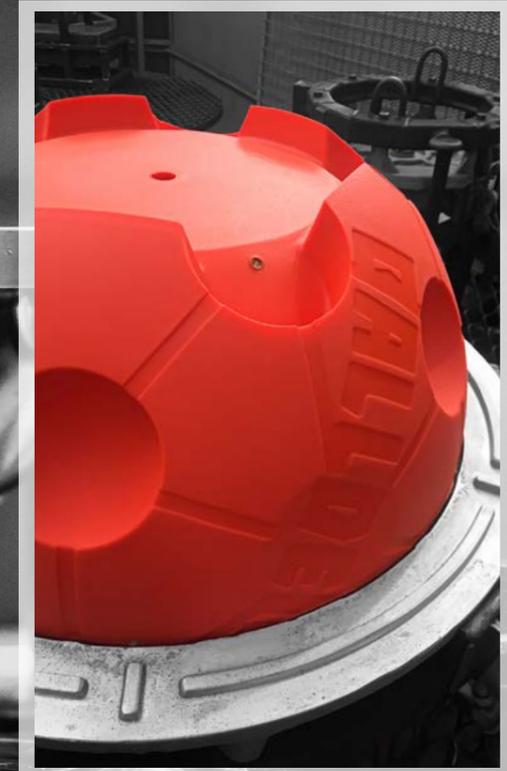
Each aspect of a component plays an important role in terms of lifecycle, quality and the experience of the user. If we can find a component that will work how we want, we make our own. Our custom stainless steel fasteners secure our structures with a clean and crisp finish.

All of our products are designed to be manufactured locally in Australia. We have vast experience in industrial manufacturing and production. Each and every one of our products benefits from both our experience and the knowledge of our valued supply partners.



Our extensive background in tooling and plastic moulding perfectly complements our 25+ years in designing for the playground industry.

Our creative influence in playspaces across Australia begins with toolmaking and precision moulding. All proudly done right here in Australia.



CHALLENGE.PLAY.Climb



BOULDERING® products by **industrial by nature**

Bouldering Range

There's a BOULDERING® structure to suit any application and space.

Each structure has a *range of difficulty levels, from beginner to advanced.* The difficulty level can be customised, with designs carefully considered to ensure safety and compliance. The structures are a balance of challenge and variety.



Bouldering Custom

Our in-house **design and engineering team** can create a complete custom solution to utilise the full potential of any space. Bouldering structures or walls can form an exciting focal point of any outdoor landscape or interior design. A harmonious balance is achieved through careful consideration of rock-climbing challenges, aesthetic design and the environment. *Stand out or blend in, you decide....*



Specifications / FAQ

- All Bouldering structures exceed strict Australian Playground Standards and Structural Codes including AS2316.1-2009 & AS4685.1-2014.
- Designed, engineered and manufactured in Melbourne, Australia.
- Robust and Built to last using innovative steel framework and rigorous material selection criteria, our products will withstand harsh Australian conditions.
- All products are factory built, come sub-assembled and they can be installed, fitted off and secured on site within hours.
- Graffiti-resistant panels, custom tamper-proof fasteners, propriety mouldings and unique holds.
- Australian designed and protected.



Our Team



We proudly support...



CHALLENGE.PLAY. *Grow*



IBN INTRODUCTION TO BOULDERING 03 20201120

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