



woods
furniture



Seating Solutions

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Optimal Chair Design

School chairs present unique design challenges. Not only do they need to be lightweight, virtually ‘bomb-proof’ and stackable, but each chair needs to accommodate students in a range of shapes and sizes performing a mixture of tasks in a variety of postures.

For example, students might sit upright when reading, using a computer keyboard or doing lab work, sit forward when writing or drawing or sit back when attending to instruction from the front of the classroom. Sitting aids the performance of these fine motor or perceptual tasks by providing greater stability. Also less effort is required,

as opposed to standing postures, while still allowing free movement of the arms and hands. Sitting, however, also has its drawbacks. The normal curvature of the lower back, as occurs in standing, is often reduced or reversed in sitting. The hips are flexed, the pelvis rotates backwards and the lower back

becomes more rounded. If the knees are straightened, the hamstrings at the back of the thigh are stretched and the tendency to rotate the pelvis and round the lower back is increased. This tendency towards a slumped posture is increased even further when hamstring flexibility is reduced during periods of rapid

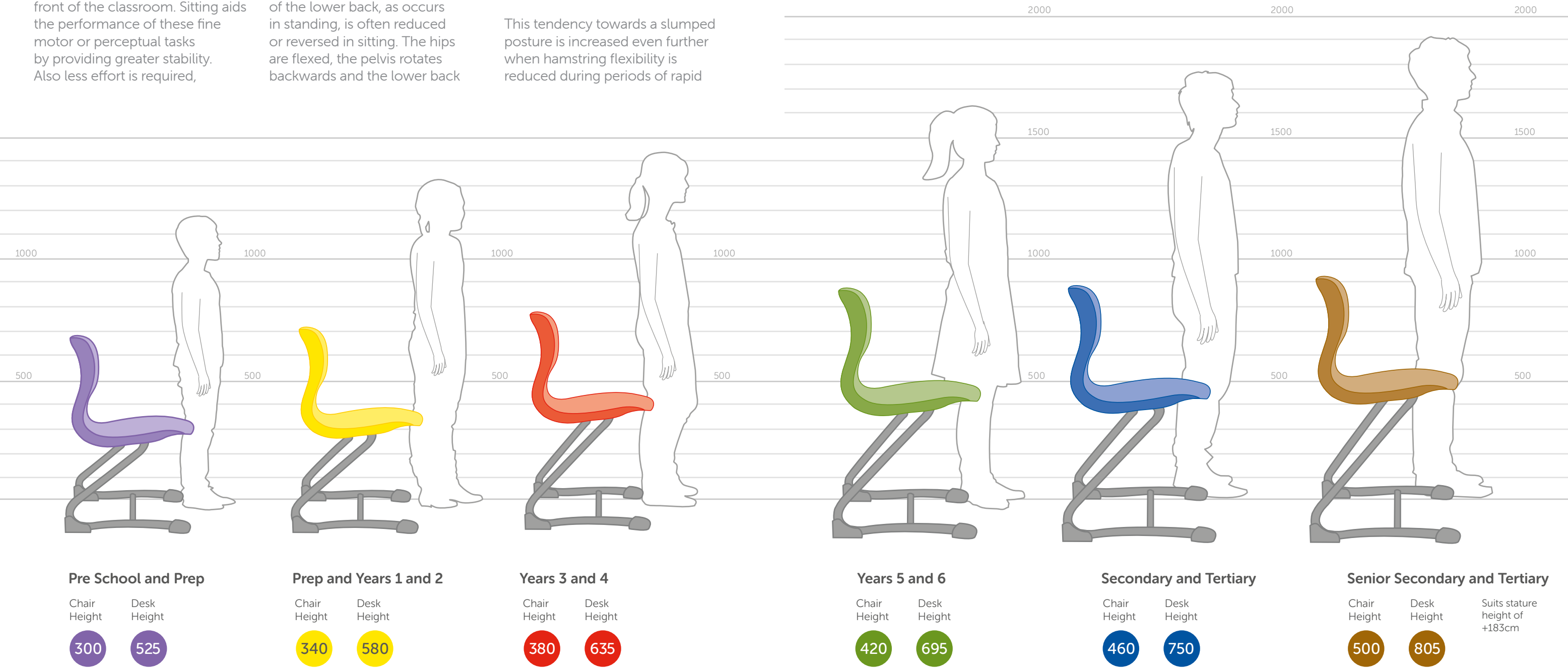
growth or if the chair is too small for the student. The most common design feature in chairs for maintaining spinal curvatures is a backrest or a lumbar support. If the backrest acts in isolation applying a forward pressure on the lower back, the person will simply slide forward on the seat with no change in posture.

For the backrest to be useful, there must be a second force to prevent this sliding. The second force can come from the contour or surface of the seat, pressure from the feet on the floor or if the seat is reclined, gravity. Unfortunately, no matter how much normal spinal curvature is encouraged, the very stability that makes sitting useful also results

in positions being sustained for longer than would be ideal. Good sitting is not a single correct posture but rather encompasses a range of postures that enable an individual to perform their activities with comfort and efficiency. **Neil Tuttle**
MSc, MPhil – Physiotherapist –
Lecturer, Griffith University.

Optimal Height Guide

The colour coding system of violet, yellow, red, green, blue and brown provides easy recognition of the appropriate furniture sizes. Using this system all students can be properly seated for optimal ergonomic work performance.



PantoFlex

German designed ergo-dynamic student seating – a design to enhance the quality of life. Designed by one of the world’s greatest furniture designers, Verner Panton.

Today children sit down so much that it influences their lives and well-being, which is why attention should be given to ‘the school as a place of work’.

The design breakthrough of the body moulded shell assists the developing musculo-skeletal system in children and adolescents.

The PantoFlex chair promotes proper posture, better blood and oxygen circulation, correct muscle position and increased attention span allowing a variety of sitting positions.

Air flows through the double skin of the unique body moulded shell giving a cushioning effect and also long-term seating comfort in all climates.

The high tensile frame body, moulded shell, fastening components and glides have been tested to and exceeded ten compressions of 1800N of downward force and 200,000 compressions of 950N of downward force.

- Features**
- Frame** – The high tensile steel frame gives the chair its unique flexing, movement absorbing properties and superior strength.
- Stacking** – Stack to a maximum of 5 high.
- Trolley** – The PantoTrolley is designed to move 12 chairs.

- Height Dimensions**
- Fixed chair heights to;
- 300 340 380 420 460 500

- Colours**
- For finish options, refer to page 59
- Lime
 - Cobalt
 - Midnight
 - Mist
 - Orange
 - Raspberry
 - Sky
- Foot Option**
- Plastic glides for carpet floors
 - 2 Component glides for linoleum, timber and vinyl floors



PantoMove 3D

The body needs movement to keep the brain and muscles supplied with blood. This smart chair does not restrict movement, it encourages it positively.

- Features**
- Frame** – The rocking and swivel movement of the chair encourages the natural movements of the body
- Adapt** – Ergo-Dynamic gas lift swivel chairs designed to optimally adapt to the natural need to sit and move.

- Height Dimensions**
- Junior – 370mm to 455mm
- Senior – 450mm to 570mm



- Colours**
- For finish options, refer to page 59
- Lime
 - Cobalt
 - Midnight
 - Mist
 - Orange
 - Raspberry
 - Sky
- Foot Option**
- 2 Component Glide
 - Castor



Panto Drafting Stool

Comes with an aluminium 5-way base, plastic covered gas-filled telescopic strut and adjustable foot ring with black anti-slip coating.

- Features**
- Frame** – The rocking and swivel movement of the chair encourages the natural movements of the body.

- Height Dimensions**
- 530mm to 730mm



- Colours**
- For finish options, refer to page 59
- Lime
 - Cobalt
 - Midnight
 - Mist
 - Orange
 - Raspberry
 - Sky
- Foot Option**
- 2 Component Glide
 - Castor

PantoFlex Timber

The Beech Plywood seat shell with anti-slip finish provides a stylish option to the world reknowned PantoFlex Student Chair.

Features

- Frame** – The high tensile steel frame gives the chair its unique flexing, movement absorbing properties and superior strength.
- Stacking** – Stack to a maximum of 5 high.
- Trolley** – The PantoTrolley is designed to move 12 chairs.

Height Dimensions

Fixed chair heights to;



Colours

For finish options, refer to page 61

- Beechwood

Foot Option

- Plastic glides for carpet floors
- 2 Component glides for linoleum, timber and vinyl floors



Compass Chair

A versatile chair with the option of a linking system.

Features

- Stacking** – Plastic Shell is stackable to a maximum of 3 high.
- Beechwood Shell (without upholstered seat) is stackable to a maximum of 6 high.

Options

Available with a Natural Beechwood shell or Beechwood with upholstered seat. Also available with a plastic shell, in a variety of colours. Linking option available.

Dimensions

Seat height 460mm
Seat width 440mm
Seat depth 410mm
Overall height 840mm
Overall width 550mm



Panto Tablet Chair

A versatile chair designed specifically to create flexibility within the learning environment. The chairs mobility, flexibility and underneath storage is ideal for use in exams, lectures, seminars or halls.

Features

The body moulded seat shell assists the developing musculo-skeletal systems in children and adolescents.

Tablet comes in 13mm DuraTough

Height Dimensions

Fixed chair heights to;



Colours

For finish options, refer to page 59

- Lime
- Cobalt
- Midnight
- Mist
- Orange
- Raspberry
- Sky

RM Chair

Manufactured in Australia, the RM Chair provides all the 'Right Moves'. Lightweight, yet strong and durable, the unique body moulded shape and generous seat size, provides the right amount of flex for long term comfort.

Features

Made in Australia

Fully compliant with EN 1729-1:2006

100% recycled UV stable materials give the RM Chair an incredible life span.

Trolley – The RM Trolley is designed to allow chairs to be easily stacked, moved and stored.

Height Dimensions

310mm
350mm
380mm
430mm
460mm

Colours

For finish options, refer to page 59

- Coastal Blue
- Cobalt
- Lime
- Midnight
- Orange
- Raspberry



LupoGlide

The unique design of the LupoGlide seat and back promotes effective student posture.

German engineering has produced a super strong student chair which has proven itself time and time again in high attrition areas.

The strength of the LupoGlide will amaze you.

Air flows through the double skin of the seat giving a cushioning effect and also long-term seating comfort in all climates.

2mm wall thickness 'U' shaped skid and seat support of powder coated steel oval tube ensures unsurpassed frame strength.

Not only a brilliant classroom chair, but also perfect for large scale deployment and pick-up with its purpose designed trolley system. The LupoTrolley is designed to move 8 chairs.

Features
Stacking – Stack to a maximum of 8 high.
Trolley – The LupoTrolley is designed to move 8 chairs.

Height Dimensions
Fixed chair heights to;

300 340 380 420 460 500

Colours
For finish options, refer to page 60
– Midnight
– Mist

Foot Option
– Plastic glides for carpet floors
– 2 Component glides for linoleum, timber and vinyl floors



Lupo Art Stool

A stool that provides ultimate comfort through the design of its double-walled, air cushion polypropylene seat. The super strong frame and unique seat fixing method means this stool is a great solution for high attrition applications.

Features
Storage – On desk storage.
Stability – Highly stable design resists rocking forward and back.

Height Dimensions
500mm
550mm
600mm
650mm
700mm
750mm

Colours
For finish options, refer to page 60
– Midnight

Foot Option
– 2 Component glides for linoleum, timber and vinyl floors



Lupo Science Stool

The Lupo Science Stool comes with an added back to provide ideal comfort for use in science and technology areas.

Features
Storage – On desk storage.
Stacking – Stack to a maximum of 3 high.
Stability – Highly stable design resists rocking forward and back.

Height Dimensions
550mm
600mm
650mm
700mm

Colours
For finish options, refer to page 60
– Midnight
– Mist

Foot Option
– 2 Component glides for linoleum, timber and vinyl floors



Hokki Stool

An ergo-dynamic stool designed to improve the motor and musculo-skeletal development of growing children.

German designed ergo-dynamic stools for children – super tough, lightweight and highly portable. We know that the benefit of ergo-dynamic design for children is proven.

This design absorbs and encourages movement while at the same time improving the attention span of the child while being engaged in the learning process.

- The inner organs of the body are opened up not scrunched and restricted.
- The muscles supporting the lumbar spine are passively exercised and strengthened.
- More oxygen flows through the body and the brain.
- The muscles of the abdominal core are passively tightened and relaxed as the child moves on the stool.

The Hokki is made from light-weight, super tough polypropylene. Wipe down to clean the top and sides. Available in 4 lively colours to add life and fun to the classroom.

100% recyclable UV stable materials give the Hokki an incredible lifespan. The fluted design of the top is designed for portability and features a non-slip seat pad.

Features	Height Dimensions	Colours
The Hokki Stool achieves its ergo-dynamic movement through the convex shape of the base.	310mm 380mm 460mm 520mm	For finish options, refer to page 59 <ul style="list-style-type: none">– Cobalt (380mm & 460mm)– Orange (310mm, 380mm & 460mm)– Raspberry (380mm & 460mm)– Midnight (460mm & 520mm)



DuraPos

A design icon for student chairs, the DuraPos has stood the test of time in Australian schools and is now exported around the world.

The DuraPos chairs have the option of a linking system that allows them to stack when not in use. Suitable for halls and conferences.

Seats and backs are available in polypropylene or upholstered.

Features	Height Dimensions	Colours	Foot Option
Stacking – Stack to a maximum of 10 high. Linking – Optional linking system. Options Finishes – Seat also available in ply polished or upholstered finishes.	Fixed chair heights to; <div><div>300</div><div>340</div><div>380</div><div>420</div><div>460</div><div>500</div></div>	For finish options, refer to page 60 <ul style="list-style-type: none">– Avocado– Bluegum– Cobalt– Midnight– Mist– Pacific– Plum– Pumpkin– Raspberry	<ul style="list-style-type: none">– Standard (black) for carpet floors– Non-marking (white) for timber floors



DuraPos Gas-Lift Swivel Chair

A simple, yet strong chair designed for school computer use. Adjustable to suit the height of individual students, it's also available as a junior swivel chair to promote correct computer posture at an early age.



Height Dimensions
Junior – 355mm to 445mm
Senior – 390mm to 520mm

Colours
For finish options, refer to page 60
– Avocado
– Bluegum
– Cobalt
– Midnight
– Mist
– Pacific
– Plum
– Pumpkin
– Raspberry

Foot Option
– Glide
– Castor

DuraPos Art Stool

The DuraPos Art Stool is ideal for art areas, workshops and music rooms. The 3 sided foot rail gives excellent leg support and frame strength.



Features
Stacking – Stack to a maximum of 7 high.
Stability – Maximum stability through wide footprint resists rocking forward and back.
Options
Finishes – Seat also available in ply polished or upholstered finishes.

Height Dimensions
500mm
550mm
600mm
650mm
700mm
750mm

Colours
For finish options, refer to page 60
– Avocado
– Bluegum
– Cobalt
– Midnight
– Mist
– Pacific
– Plum
– Pumpkin
– Raspberry
– Polished Beechwood
– Vinyl

Foot Option
– Standard (black) for carpet floors
– Non-marking (white) for timber floors

DuraPos Drafting Stool

The DuraPos Chair is available as a drafting stool. The extra high gas-lift fitted with an adjustable foot ring makes this the ideal stool for benches, sit/stand tables and drafting tables.



Height Dimensions
550mm to 810mm

Colours
For finish options, refer to page 60
– Avocado
– Bluegum
– Cobalt
– Midnight
– Mist
– Pacific
– Plum
– Pumpkin
– Raspberry

Foot Option
– Glide
– Castor

DuraPos Science Stool

Designed to give maximum stability and correct postural position, the DuraPos Science Stool is ideal for use in science and technology areas particularly when used with bench height work surfaces.



Features
Stacking – Stack to a maximum of 6 high.
Stability – Maximum stability through wide footprint resists rocking forward and back.
Options
Finishes – Seat and backrest also available in upholstered finishes.

Height Dimensions
550mm
600mm
650mm
700mm
750mm

Colours
For finish options, refer to page 60
– Avocado
– Bluegum
– Cobalt
– Midnight
– Mist
– Pacific
– Plum
– Pumpkin
– Raspberry

Foot Option
– Standard (black) for carpet floors
– Non-marking (white) for timber floors

Rata Stool

A multi-purpose stool which is particularly suited to the modern collaborative learning environment. Continuously height adjustable, the Rata Stool can be used by both students and teachers.

- Features**
Continuously height adjustable
- Height Dimensions**
Standard - 390mm to 520mm
Drafting - 550mm to 810mm
- Options**
– Fabric Seat
– Polished Timber Seat
- Foot Option**
– Glide
– Castor



Versa Stool

Versatile and robust stacking stool that doubles as an occasional table made from High Tensile Steel with DuraTough seat.

- Features**
Stakable to 10 High.
- Height Dimensions**
Fixed Chair heights to;
- Colours**
For finish options, refer to page 38



Newport Chair

A tough durable task chair suitable for all administrative applications.

- Features**
Super smooth fully ergonomic action.
- Options**
– Available in high and medium back options.
– Arms for clerical applications.
– Upholstered or mesh back.
– Adjustable foot ring for drafting stool
- Dimensions**
Seat width 500mm
Seat depth 460mm



Grande Chair

A heavy duty multi-purpose executive chair.

- Features**
Super smooth fully ergonomic action.
- Options**
– Available in either mesh back or fabric back.
– High and medium back options for fabric back.
– High back only for mesh back.
– Arms for clerical applications.
– Adjustable foot ring for drafting stool
- Dimensions**
Seat width 520mm
Seat depth 460mm



Lacus Tub

An ideal chair for receptions, staff rooms and administration areas.

Dimensions
Seat height 420mm
Seat width 520mm
Seat depth 500mm
Overall height 710mm
Overall depth 650mm



Profile Series 3

Features lumbar-support back and deep seat foam for long-term comfort.

Dimensions
Seat height 460mm
Seat width 570mm
Seat depth 450mm



Kensington Single & Double Seater

Stylish and comfortable, the Kensington chair is ideal for receptions, staff rooms and administrative areas.

Single Dimensions
Seat height 440mm
Seat width 450mm
Seat depth 480mm
Overall height 700mm
Overall width 700mm
Overall depth 700mm



Double Dimensions
Seat height 440mm
Seat width 950mm
Seat depth 480mm
Overall height 700mm
Overall width 1300mm
Overall depth 700mm



Marmor Single & Double Seater

Comfortable and robust..

Single Dimensions
Seat height 440mm
Seat width 550mm
Seat depth 520mm
Overall height 760mm
Overall width 830mm
Overall depth 810mm



Double Dimensions
Seat height 440mm
Seat width 550mm
Seat depth 520mm
Overall height 760mm
Overall width 1560mm
Overall depth 810mm

Universal Stackable Chairs

Universal stackable facility chairs suitable for visitors and staff alike.

Newport Visitor

Dimensions
Seat height 450mm
Seat width 450mm
Seat depth 500mm
Overall height 870mm

Options
With or Without Arms



Glenelg

Dimensions
Seat height 460mm
Seat width 450mm
Seat depth 450mm
Overall height 800mm



Lonsdale

Dimensions
Seat height 490mm
Seat width 440mm
Seat depth 410mm
Overall height 800mm



Indra

Dimensions
Seat height 490mm
Seat width 480mm
Seat depth 490mm
Overall height 880mm

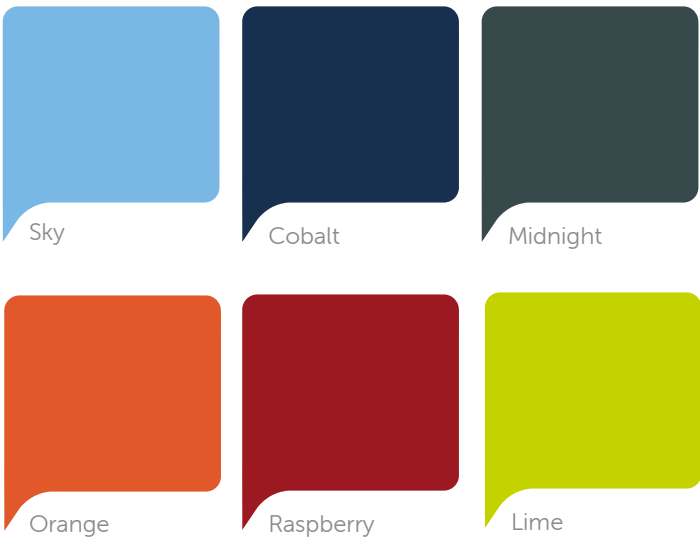


Seating Finish Options

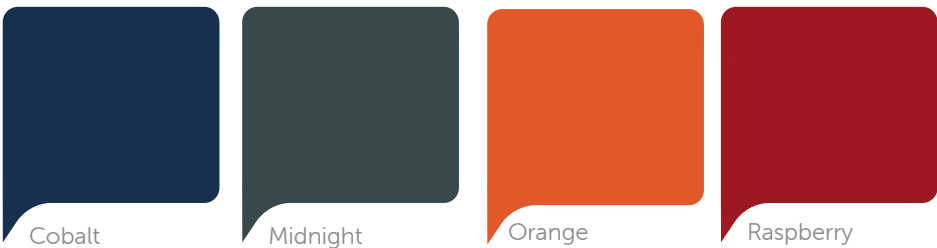
Plastic Colour Options

Made from lightweight, super tough polypropylene. Some colours are product specific. Refer to product pages for availability.

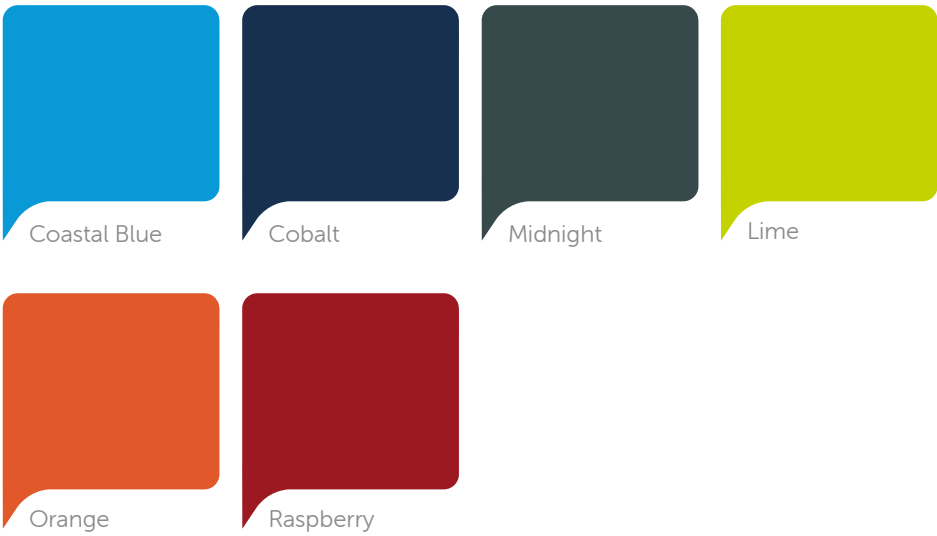
PantoFlex & Compass



Hokki



RM Chair



Seating Finish Options (cont.)

Plastic Colour Options

Lupo Range



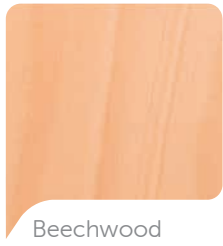
DuraPos



Timber Finish Options

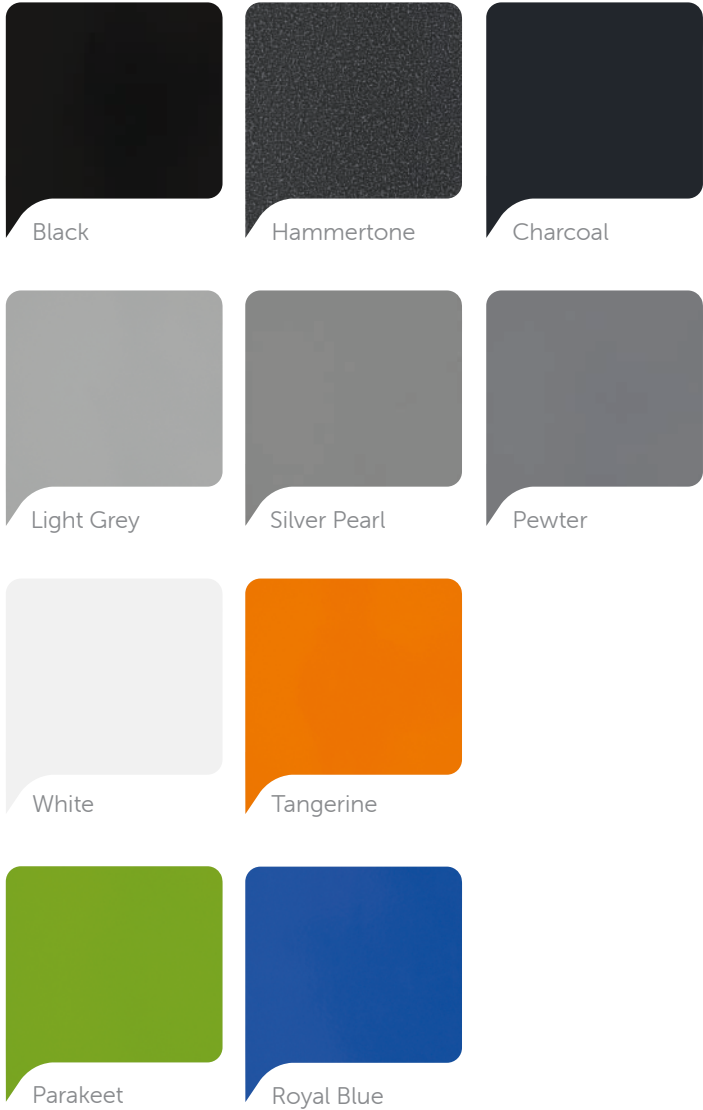
Timber Colours

Beechwood only available for the PantoFlex Timber Chair, Compass Chair and the DuraPos Art Stool.



Steel Frame Options

Durable powder coated steel frame for strength and support.



Fabric Options

Stylish, durable, commercial grade fabrics designed to withstand heavy use and to suit a range of seating applications and budgets.

Please contact your local representative for a full and comprehensive range of fabric and vinyl options.

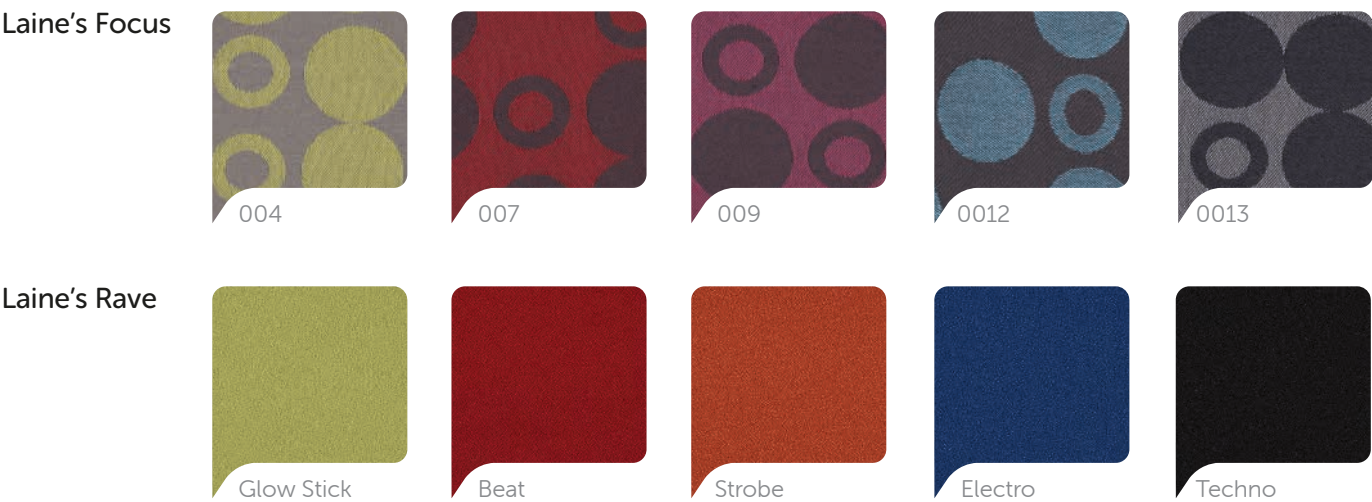
Range 1

Robus
38% recycled P.E.T



Wortley Tekno

Range 2



Range 3

