



create - play - repeat

Movable play equipment for supervised early childhood.

Guidelines for use

Please read before using PlayBlox





PlayBlox

Thank you for purchasing PlayBlox. This booklet has been created to provide important information when setting up and using PlayBlox.

PlayBlox is designed and built to the NZS5828:2015 + Appendix A ECE Playground Safety Standards.

To get the most out of your PlayBlox we recommend you read through this guidelines booklet and also refer to the Playground Equipment and Surfacing handbook - SNZ HB 5828.2:2006. You can download this from Standards New Zealand website.

PlayBlox equipment is movable and be configured in different ways, it is important to observe some basic rules and common sense to ensure compliance and safe play.

Contents

1.0	General information	_____	Page 3
2.0	Safety surfacing	_____	Page 4
3.0	Clip system	_____	Page 5
3.1	Other attachments	_____	PAGE 6
4.0	Blox	_____	PAGE 7
4.1	Slides	_____	PAGE 8
4.2	Steps	_____	PAGE 9
4.3	Overheads	_____	Page 9
4.4	Climbers - small	_____	Page 9
4.5	Climbers - large	_____	Page 10
4.6	Toddler bridge	_____	Page 10
4.7	Bridges	_____	Page 10
4.8	Bridges - handrails	_____	Page 11
4.9	Bridges - enclosed	_____	Page 11
4.10	Balance beam	_____	Page 12
5.0	Inspections	_____	Page 13
5.1	Maintenance	_____	Page 14
5.2	Warranty	_____	Page 14



1.0 - General information

The definition of movable playground equipment is a range of equipment that is not permanently fixed in place, and can be moved on a regular basis to extend play opportunities.

Movable playground equipment shall be used only under supervision. When not in use, movable playground equipment shall not be accessible. Movable playground equipment shall have attachments that connect securely and are unable to move or slip out while in use.

When setting up play experiences using movable playground equipment, the supervisor shall ensure that the equipment is placed in such a way as to prevent the equipment tipping or falling while in use and to prevent entrapment. (NZS:5828:2015 Appendix A)

All attachments should be checked by an adult supervisor daily. Care must be taken to ensure all four connection points are fixed on all attachable items.

For Fall Zones, a safe rule of thumb is to have a minimum of 1.5m of free space around all movable play equipment.

PlayBlox is manufactured in New Zealand by Park Supplies & Playgrounds.

We can also provide maintenance and repairs if the need arises - see page 14 for more detail.

You can see the full range of early childhood play equipment that Park Supplies & Playgrounds produce at www.parksupplies.co.nz

If you have any queries on how to setup and use PlayBlox please visit our website or call us on 0800 752 947.



2.0 - Safety surfacing

The NZS:5828:2015 states: "A minimum fall zone of 1500mm shall apply for movable play equipment items that measure more than 600mm from surface level.

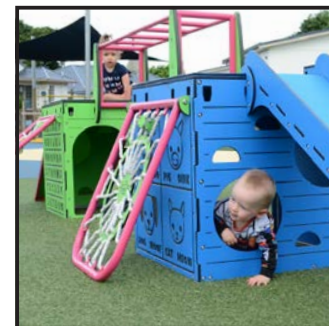
Movable playground equipment with a free height of fall over 600mm shall have a certified impact attenuating surface. The surfacing used beneath playground equipment having a free height of fall not exceeding 600 mm, should have some impact attenuating properties."

Park Supplies & Playgrounds recommends all PlayBlox items are set up on impact attenuation safety surfacing that has a 1500mm CFH and a minimum fall zone of 1500mm around all items.



1.5m fall zone
RECOMMENDED.

Safety Surfacing with
impact attenuation 1.5m
CFH **RECOMMENDED.**



Big Blox
1150mm high

Middle Blox
800mm high

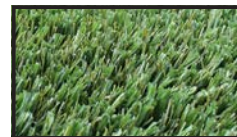
1.5m fall zone **REQUIRED.**

Safety Surfacing with
impact attenuation
1.5m CFH **REQUIRED.**

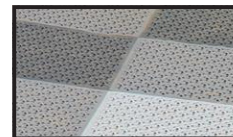
SURFACE OPTIONS AVAILABLE: Contact us for a free no-obligation quote on the surface of your choice.

SYNTHETIC TURF provides a great grass look to your play area. There are various grass pile height options and colours to choose from.

RUBBER MATTING tiles provide a great aesthetic finish to your play area, there are many colour and style options available. Tiles have the added benefit of being replaceable should vandalism occur.



Synthetic turf



Rubber matting



Wet pour rubber



Loose-fill

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3.0 - Clips

Our clipping system is designed to be used by adult supervisors only. It is deliberately designed to be difficult for children to position and correctly slot clips into blox.

Incorrect installation of attachment to blox may result in injury to the user.

The PlayBlox range has a unique, easy to use clipping system, providing countless reconfigurable opportunities. Using our exclusive Blox and adding additional climbers, overheads, bridges, slides and balance activities you can create endless play experiences.

CLIMBERS, LADDERS, BRIDGES, BALANCE BEAM WITH ROTATING CLIPS:

Make sure clips are facing the correct way (image one).

1. Hold clips on side of activity so they are pointing toward the holes in the Blox.
2. Insert thin part of clip into the hole and rotate clip so slot is vertical (image 2).
3. Push clip down so slot is all the way down in hole in Blox (image 3).
4. Repeat at the other end to join two Blox.



BRIDGES, SLIDES, OVERHEADS WITH NON-ROTATING CLIPS:

Must be set up between two of the same type (height) Blox.

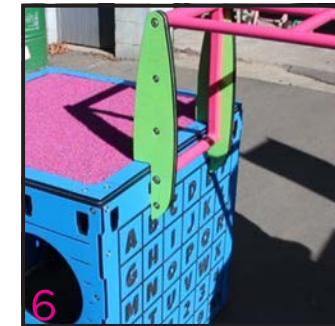
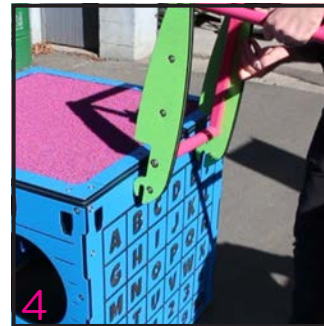
1. Line up clips with holes in first Blox, making sure the item is square to the face of the Blox you are attaching it to (image four).
2. Push clips through holes in Blox (image five).
3. Push item down so the clips slots slide down into place and the top of the clip sits on the top of the Blox (image five).
4. Hold the item in place and have another supervisor slide the second Blox into the clip at the other end and push down to secure.

The clip system is designed so to not come loose during use, if installed correctly.

5 Adaptors and attachments should be checked by a supervisor daily.

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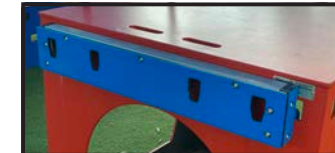
3.1 - Other attachments

You can attach PlayBlox items to other manufacturers movable boxes using our unique adaptors (sold separately).

TO USE:

1. Choose the correct adaptor for your situation, please contact us to discuss the correct adaptor for your needs.
2. Remove any attachments from box.
3. Clip adaptor on by pushing clips through and down into box slots.
4. Attach climbers, bridges etc to slots in adaptor front, making sure to attach securely.

Adaptors and attachments should be checked by a supervisor daily.



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4.0 - Blox

PlayBlox come in four sizes:

BIG BLOX (PB04)
1150mm high x 800mm x 800mm

MIDDLE BLOX (PB03)
800mm high x 800mm x 800mm

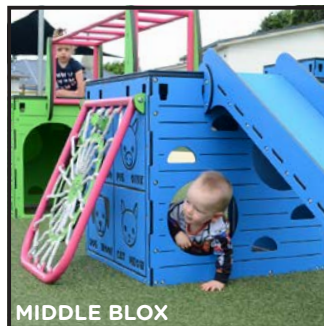
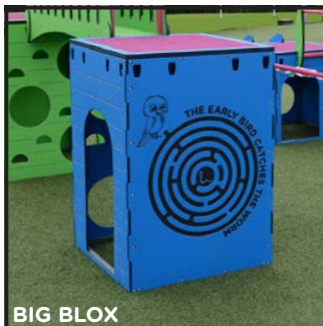
STAGE BLOX (PB02)
450mm high x 800mm x 800mm

LITTLE BLOX (PB01)
450mm high x 450mm x 450mm

Blox are designed to be moved/
arranged by adult supervisors only.

To arrange the configurations it is
recommended that two or more
people work together to make
it easier.

Follow the instructions on the
following pages to attach play
activities to the Blox to create your
own play experiences.



4.1 - Slides

Slides include *Big Slide* (PB53), *Middle Slide* (PB52), *Stage Ramp* (PB51) and *Little Slide* (PB50).

Slides are designed to only attach to one height, ie the Big Slide only fits the Big Blox and will not attach to the other sized Blox.

Attaching slides:

- Choose an area which is level. An unlevel surface can cause a slide to move during use.
- Line up clips with holes in Blox, making sure the slide is square to the face of the Blox you are attaching to.
- Push clips through holes in Blox.
- Push slide down so the clips slide down into place and the top of the slide sits on the top of the Blox.
- For Stage Ramp and Little Slide - Ensure a fall-zone of at least 1m at end of slide.
- For Big Slide and Middle Slide - Ensure a fall-zone of at least 1.5m at end of slide.

Attachments should be checked by a supervisor daily.



4.2 - Steps

Steps include *Thin Step (PB18)* and *Wide Step (PB19)* and are to be used on the *Stage Blox* or *Little Blox* ONLY.

- Clip on steps are to be used on Stage Blox and Little Blox ONLY.
- They are designed to help younger children to climb onto these lower Blox.
- Available in two widths - note the wider one will only fit the Stage Blox and not the Little Blox.
- Put clips through holes in Blox and push down.
- Steps should have a minimum fall zone of 1m.

Attachments should be checked by a supervisor daily.



4.3 - Overheads

Overhead items (*Overhead Ladder (PB60)* and *Gladiator Rings (PB61)*) are to be used on the *Big Blox* or *Middle Blox* ONLY.

- Must be set up between two of the same type (height) Blox.
- When installing, you will need to attach one end to the first Blox and then slide the second Blox into the clip at the other end and push down to secure.
- The clip system is designed so the overhead cannot come loose during use, if installed correctly.
- Overheads need a fall zone of 1.5m either side.

Attachments should be checked by a supervisor daily.



4.4 - Climbers - small

Small climbers include *Rock wall (PB12)*, *Rope Net (PB14)*, *Spiders Web (PB16)* and *Ladder (PB10)*.

- These are designed to be used on Middle Blox, Stage Blox and Little Blox (Ladder only).
- Attach clips into Blox and rest steel end on the ground.
- Small climbers need a minimum fall zone of 1.5m when attached to Middle Blox and 1m when attached to Stage Blox.

NOT to be used between two Blox as a climber or bridge.

9 Attachments should be checked by a supervisor daily.

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4.5 - Climbers - large

Large climbers include *Rock wall (PB13)*, *Rope Net (PB15)*, *Spiders Web (PB17)* and *Ladder (PB11)*.

- These are designed to be used on all Blox sizes.
- Attach clips into Blox and rest steel end on the ground.
- Large climbers need a minimum fall zone of 1.5m when attached to Big Blox or Middle Blox and 1m when attached to Stage Blox.

NOT to be used between two Blox as a climber or bridge.

Attachments should be checked by a supervisor daily.

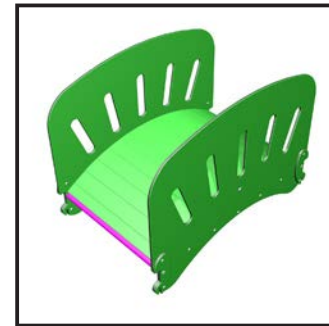


4.6 - Toddler bridge

Toddler Bridges include *Toddler Bridge Thin (PB30)* and *Toddler Bridge Wide (PB31)*.

- Must be set up between two of the same height Blox.
- When installing, you will need to attach one end to the first Blox and then slide the second Blox into the clip at the other end and push down to secure.
- Not recommended to be used on Big Blox.

Attachments should be checked by a supervisor daily.



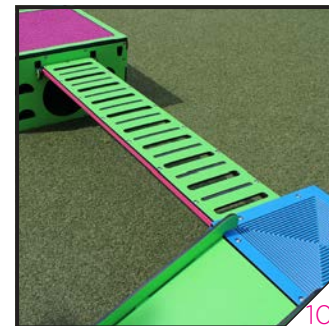
4.7 - Bridges

Basic Bridges include *Ladder Bridge (PB38)*, *Rope Ladder (PB35)* and *Plank Bridge (PB32)*.

- Can be used between any height Blox.
- Can be used between a Blox and the ground as a ladder.
- It is important that the clips at both ends are installed correctly to ensure they can not move while in use.
- Maximum of 3 users at any one time.
- Bridges are 1.5m in length and 315mm wide.
- Minimum fall zone of 1.5m when attached to Big Blox or Middle Blox and 1m when attached to Stage Blox or Little Blox.

Attachments should be checked by a supervisor daily.

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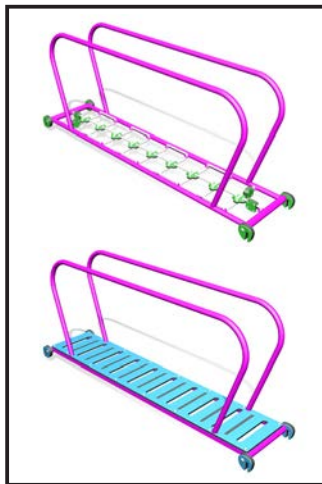
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4.8 - Bridges - handrails

Bridges with handrails include Ladder Bridge with Handrails (PB39), Rope Ladder with Handrails (PB36) and Plank Bridge with Handrails (PB33).

- Can be used between any height Blox.
- Can be used between a Blox and the ground as a ladder.
- It is important that the clips at both ends are installed correctly to insure they can not move while in use.
- Maximum of 3 users at any one time.
- Bridges are 1.5m in length and 315mm wide.
- Minimum fall zone of 1.5m when attached to Big Blox or Middle Blox and 1m when attached to Stage Blox or Little Blox.
- Its is important that children are not allowed to climb on top of the handrails as this could cause the bridge to tilt or come loose.

Attachments should be checked by a supervisor daily.



4.10 - Balance beam

- To be used on Middle Blox, Stage Blox or Little Blox.
- Must be set up between two of the same height Blox or between Ground and Stage Blox or Little Blox.
- Minimum fall zone of 1.5m when attached to Middle Blox and 1m when attached to Stage Blox or Little Blox.
- NOT to be used on Big Blox.

Attachments should be checked by a supervisor daily.



4.9 - Bridges - enclosed

Bridges with Enclosed sides include Ladder Bridge with Enclosed sides (PB40), Rope Ladder with Enclosed sides (PB37) and Plank Bridge with Enclosed sides (PB34).

- Must be set up between two of the same height Blox.
- It is important that the clips at both ends are installed correctly to ensure they can not move while in use.
- Maximum of 3 users at any one time.
- Bridges are 1.5m in length and 315mm wide.
- Minimum fall zone of 1.5m when attached to Big Blox or Middle Blox and 1m when attached to Stage Blox or Little Blox.
- Its is important that children are not allowed to climb on top of the sides as this could cause the bridge to tilt or come loose.

Attachments should be checked by a supervisor daily.



5.0 - Inspection

It is the responsibility of the owner/manager to ensure regular inspections and maintenance of all playground equipment and safety surfacing. The minimum frequency is as listed. The frequency may need to be increased if the equipment is subject to heavy use, vandalism or harsh conditions.

DAILY INSPECTION:

- Check all Blox are set up on a stable, level surface to prevent tipping or falling when in use.
- Check all clips are in good condition.
- Check all clips are attached correctly and securely so they are unable to move or slip out during use.
- Ensure all equipment is within safety surface area.
- Ensure all minimum fall-zones are correct. A safe rule of thumb for fall-zones is to have a minimum of 1.5m of free space around all movable play equipment. (This should be on a certified impact attenuation surface if the equipment is over 600mm free height of fall.)
- Check items for any wear and tear which may need repairing.
Important to check all clips on activities, all rope work for any wear or loose fiber etc. Check for any loose or missing bolts in Blox or activities. Check rock holds are secure.

WEEKLY/MONTHLY INSPECTION:

- Conduct a daily inspection as above.
- Wipe down any soiled surfaces with a soap and water.
- Check safety surface.
If surface is loose fill (woodchip, bark etc.) check the depth is 300mm and is free from rubbish or foreign objects (rocks, stones, glass etc.).
Check loose fill area edging for splintering, cracking or loose nails or screws.
For synthetic surfaces check for wear and tear and insure no loose or damaged areas which cause a trip hazard. Check for foreign objects.

ANNUAL INSPECTION (OF THE ENTIRE PLAY AREA INCLUDING MOVABLE ITEMS):

An annual playground inspection should be conducted by an accredited RPII Level 3 Playground Inspector.

Their report should include:

Annual main inspection, Structural stability, General safety hazards, Risk and recommendations, Inspection of play equipment, Inspection of play safety surface, Wear and tear, Compliance audit to NZS:5828:2015, and Entrapment check using probes.

5.1 - Maintenance

Please contact us on 0800 752 947 if you need any maintenance or repairs to your PlayBlox equipment.



5.2 - Warranty

We warrant all our products to be free from defects (in material and workmanship only) for a period of 5 years, applied from date of original invoice. If you discover a defect in a product or service covered by this warranty, the purchaser must advise Park Supplies & Playgrounds in writing of the defect. At our discretion we will repair or replace using new or refurbished components.

CONDITIONS OF WARRANTY:

The warranty does not cover parts that are subject to normal wear and tear, weathering and replacement requirements, nor does it cover acts of damage, vandalism, misuse, neglect, accident, or if altered in any way or added to other than by Park Supplies & Playgrounds.

The warranty does not include damage caused by neglect where the onset of a defect should have been identified through the implementation of a regular inspection and/or maintenance programme as per our guidelines booklet. This includes, self operational inspections using the inspection guidelines on page 13 and an Annual Level 3 Inspection from a recognized and certified RPII inspector.

The warranty excludes weathering; be it warping, twisting, cracking, splitting or blemishing of timber or plastic components.

The warranty does not cover cosmetic items such as scratches, dents, marring, fading, weather, abnormal climate conditions, rust or redecorations.

The warranty excludes freight, travel or installation of the warranty repaired or replaced item.

Effective date: 24/04/2019



PlayBloxtm

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Movable play equipment for supervised early childhood.

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PlayBlox is proudly New Zealand made by

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