



PLAYBARK™

Playground Surfacing

Bassett Barks Pty. Ltd.
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Queensland Australia

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MANUAL

1. Product Description

Playbark™ is manufactured by Bassett Barks Pty Ltd for use as Playground Surfacing to comply with Australian Standard 4422:1996.

Name: Playbark™

Material: Pinus Ellioti Pine Bark, 5mm to 10mm Regular shape

2. Certification

Please find enclosed copy of Playground Surfacing "Standards Compliance Certificate" from Consulting Coordination Pty Ltd. for Bassett Barks Playbark™ in "Impact Attenuation" and "Fit for Purpose".

3. Australian Standards

IMPORTANT: These product directions are only for Bassett Barks Pty Ltd "Playbark™". For planning, design, building or maintaining a playground you must consult Australian Standards:

- AS 4685:2004 Parts 1-6
- AS/NZS 4486.1:1997
- AS/NZS 4422:1996

These Australian Standards are available at www.standards.com.au

4. Installation

Base Preparation:

- A certified engineer, architect or landscape architect who is familiar with the local soil and climate must be used for recommendations in preparing the subsurface, base, drainage and retaining border to prohibit product displacement.
- A retaining border is required to inhibit Playbark™ from displacement causing incorrect depth of Playbark™. Any retaining border must be outside the "Fall Zone" as per Australian Standards and not create a hazard such as splinters etc.
- Ensure there are no roots, stones or vegetation.

Playbark™ Installation:

- All pieces of equipment or structures in the "fall zone" as per Australian Standards must have a lower "free height of fall" as per Australian Standards than the "Critical Fall Height" as stated on the enclosed Standards Compliance Certificate.
- Apply the Playbark™ to the required installation depth which is on the enclosed Standards Compliance Certificate and rake out level.
- Inspect the Playbark™ has no hazards or contaminates in it from installation for example rakes, shovels & drink cans etc.
- The Playbark™ will now be ready for use.

Warning: Installation depth is critical to the operation of Playbark™; failure to install Playbark™ to the correct installation depth may result in an injury.

5. Maintenance & Inspection

For Playbark™ to be effective it must be maintained and inspected on a daily basis with a service audit every 12 months by a certified engineer experienced in playground surfacing certification. This will ensure maximum performance and that the Playbark™ continues to conform to Australian Standards.

Daily Maintenance & Inspection:

Daily Routine Visual Inspection:

- Inspect Playbark™ is clear of all contaminates and tripping hazards i.e. drink cans, stones, fallen tree branches, glass, sand, shoes and litter etc.

Daily Operational Inspection:

- Check depth of Playbark™ is correct in all areas especially in Fall Zones and heavily used areas such as under swings and slide exits.
- Rake all areas to aerate and redistribute any displacement of Playbark™ to its correct depth.

Twelve Month Maintenance & Inspection:

Twelve Month Comprehensive Inspection:

- Playbark™ must have a service audit done every twelve months by a certified engineer experienced in playground surfacing certification.
- Consulting Coordination Pty Ltd as per the enclosed Playground Surfacing “Standards Compliance Certificate” can perform this service audit.

Warning: If the Depth of Playbark™ is not correct the playground is not to be used until the Playbark™ is topped up to the correct depth. Failure to maintain Playbark™ to the correct installation depth may result in an injury.

Note: All top ups or replacement of Playbark™ must be done using Bassett Barks Pty Ltd “Playbark™” to ensure it conforms to the enclosed Standards Compliance Certificate.

6. Service Life

Service Life of Playbark™ is affected by many factors, these are some examples:

- Indoor or outdoor area
- Climate, Temperature
- Drainage
- Usage, Contamination
- Maintenance

This makes it very difficult to predict a maximum service life.

If the Playbark™ is inspected and maintained in accordance with the recommendations enclosed and is always topped up to the correct installation depth it should have a service life of twelve months where it then goes through a service audit by a certified engineer experienced in playground surfacing certification who will recommend if the Playbark™ needs replacing or is still serviceable for another twelve months.



CONSULTING COORDINATION Pty Ltd

ENGINEERS & PLANNERS

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STANDARDS COMPLIANCE CERTIFICATE - PLAYGROUND SURFACING BASSETT BARNS PTY LTD

DISTRIBUTOR: BASSETT BARNS PTY LTD
MT BEERWAH ROAD
GLASSHOUSE MOUNTAINS QLD 4518

MANUFACTURER: BASSETT BARNS PTY LTD
MT BEERWAH ROAD
GLASSHOUSE MOUNTAINS QLD 4518

SURFACING TYPE: SOFT LANDING

TEST LOCATION: ON-SITE BASSETT BARNS

MATERIAL: PINUS ELLIOTI PINE BARK
PARTICLE SIZE 5mm - 10mm REGULAR SHAPE
WITH NO SHARP POINTED PARTICLES

CRITICAL FALL HEIGHT: 3.2 metres

REQUIRED INSTALLATION DEPTH: 240mm UNCOMPACTED - LIGHT WEAR
290mm UNCOMPACTED - HEAVY WEAR

We, Consulting Coordination Pty Ltd of 62 Luscombe Crescent, Wolffdene Queensland 4207 hereby certify that we have assessed the Bassett Barks Pty Ltd 'Soft Landing' playground surfacing as specified above for compliance with current Australian Standards. On-site testing with a Triax 2000 Portable Surface Impact Testing Rig S/N 30-7292(1326) was conducted in accordance with the procedure set down in appendix A of AS4422:1996 Playground Surfacing – Specifications, requirements and test method. Based on our assessment we are satisfied that the Bassett Barks Pty Ltd 'Soft Landing' specified surfacing type will satisfy the impact attenuation requirements of AS4422:1996 up to the stated critical fall height when installed and maintained in good condition to the required installation depth. We have further assessed the Bassett Barks Pty Ltd 'Soft Landing' specified surfacing type in respect of section 5 of AS4422:1996 and certify that the material is 'fit for purpose' as a playground surfacing loose fill material when installed and maintained in good condition in accordance with the recommendations of the manufacturer. This certification applies only to the 'Soft Landing' *pinus elliotti* pine bark with a 5mm – 10mm regular particle size and no sharp pointed particles produced by Bassett Barks Pty Ltd.

Signature

Date 11th April 2005

CLIVE DODD B Eng (Civil), MURP, MIE Aust, CP Eng, RPEQ 1985, LGE (Qld) 1036