

Certificate of Compliance

NZS 5828:2015 / EN 1177:2018 Impact Attenuating
Playground Surfacing Critical Fall Height Certificate



Issued to:

Reharvest Timber Ltd

Playground Surface Material Tested & Certified:

CUSHIONFALL WOODCHIP V2

0.50cm³ / 1MTR x 1MTR TEST SAMPLE TESTED WITH HIC METER HC09002R2

At Playsafe Consulting Ltd, Stonefields, Auckland 1172 New Zealand

Certification based on the following future installation procedure:

Installed at a minimum uncompacted depth as specified below, then maintained to the CFH depth specified below.

CRITICAL FALL HEIGHT: MAX 3.0m CFH @ MIN 300mm Depth

Material must be installed at an uncompacted depth of 350mm to compensate for approx 50mm of initial compaction.

Material must be then maintained at least yearly to a minimum depth of 300mm.

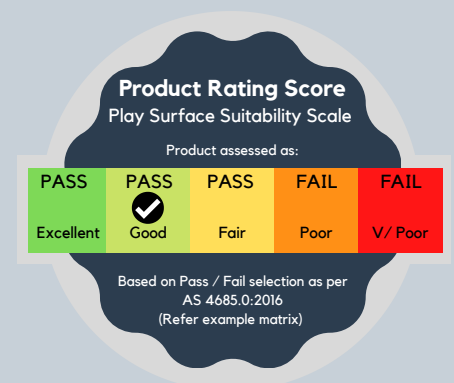
I, hereby certify to have assessed the playground surface product as specified above. I believe on reasonable grounds that the product tested meets the requirements of the NZS5828:2015 Playground Equipment & Surfacing Standard and the EN1177:2018 Method 1, Impact attenuating playground standard - Determination of Critical Fall Height and the Organic impact attenuating surface guidance selection criteria of AS 4685.0:2016

During the test, the curves of HIC and gmax vs. drop height from which the critical fall height of the surfacing was determined for each test location; and either the time/acceleration curve of one impact with HIC equal to or greater than 1 000 and gmax equal to or greater than 200g or, for maximum HIC values below 1 000 and gmax below 200g, the highest value measured.

Based on our assessment we are satisfied that the product meets the impact attenuating requirements up to the stated critical fall height when installed and maintained in accordance with the depth requirements specified above. This certification applies only to the product sample tested and is valid for three (3) years from the date of issue.

Certificate Conditions:

- This material shall also conform to the requirements of EN 1176-1, in particular clauses 4 and 6.
- Ensure the safety surface is installed and maintained to the depth specified.
- Ensure minimum fall zones and falling space required from corresponding play equipment.
- Ensure the product does not present entrapment, protrusion or any other non-compliance.
- This certificate relates only to determination of Critical Fall Height, organic surface grading and excludes sieve testing.
- The uncertainty of this result under controlled laboratory conditions is $\pm 7\%$. Under site conditions the uncertainty may be greater.






ADAM STRIDE

RP11 ANNUAL OUTDOOR / INDOOR
PLAY INSPECTOR + CERTIFIED IMPACT TESTING
SPECIALIST - M#1074A / M#1023AF

ISSUE: 8 JUNE 2020 | EXPIRY: 8 JUNE 2023

CERTIFICATE NUMBER: 1006161