



**NEW ZEALAND STANDARDS COMPLIANCE CERTIFICATE -  
PLAYGROUND SURFACING - MCMUD EARTHWORKS - BOUNCE  
PLAYGROUND MULCH**

**200730**

TESTING LOCATION: 38 ROTHESAY BAY RD,  
ROTHESAY BAY, AUCKLAND 0630,  
NEW ZEALAND

CLIENT: MCMUD EARTHWORKS  
36 ARUBA GROVE,  
GENADA VILLAGE, WELLINGTON, 6037  
NEW ZEALAND

IMPACT MEASURING EQUIPMENT: TRIAX 2015 PORTABLE IMPACT TESTING RIG

**SURFACING TYPE:** BARK PRODUCT  
LOOSE-FILL TIMBER BARK CHIP

METHOD OF FIXING: TESTED MATERIAL ON FLAT AND SMOOTH CONCRETE SLAB

**CRITICAL FALL HEIGHT: 3.0M AT 300MM DEPTH OF MATERIAL**

We, Consulting Coordination Australia Pty Ltd of u101/437 Bourke St, Surry Hills, 2010, NSW, Australia, hereby certify that we have assessed the McMud Earthworks Bounce Playground Mulch playground surfacing as specified above for compliance with current New Zealand Standards. Testing with a Triax 2015 Portable Surface Impact Testing Rig was conducted in accordance with the procedure set down in NZS5828:2015 Playground Surfacing Specifications, requirements, and test method. Based on our assessment and testing, we are satisfied that the Bounce Playground Mulch playground surfacing manufactured by McMud Earthworks will satisfy the impact attenuation requirements of NZS5828:2015 up to the stated critical fall height when installed and maintained to good condition to the required installation thickness.

We have further assessed the McMud Earthworks Bounce Playground Mulch specified surfacing type in respect of NZS5828:2015 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 Bark Product bark chip with a regular particle size and no sharp pointed particles or stones produced by McMud Earthworks.

This certificate is valid for three (3) years from date of issue and subject to no change or difference in material content of the surfacing tested.

Signature.....Thursday, 23 July 2020  
RICHARD ERWIN. BSc Eng (Civil) (Aust) MIEAust RPEQ CPEng