



CONSULTING COORDINATION

SAFETY ENGINEERING

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NEW ZEALAND STANDARDS COMPLIANCE CERTIFICATE - PLAYGROUND SURFACING - REVITAL 'TUFF N TUMBLE' PLAYGROUND BARK

160403-1

MANUFACTURER: THE REVITAL GROUP
TE AWAMUTU ROAD
CAMBRIDGE
NEW ZEALAND

SURFACING TYPE: 'TUFF N TUMBLE' PLAYGROUND BARK

TEST LOCATION: 38, ROTHESAY BAY ROAD,
AUCKLAND,
NEW ZEALAND

MATERIAL: PLAYGROUND MULCH

SAMPLE: 1M X 1M TEST SAMPLE ON CONCRETE SLAB
150MM COARSE BARK CHIP
ON CONCRETE SLAB

CRITICAL FALL HEIGHT: 2.4 METRES

INSTALLATION DEPTH: 300MM UNCOMPACTED

We, Consulting Coordination Australia Pty Ltd of u101/437 Bourke St, Surry Hills, 2010, NSW, Australia, hereby certify that we have assessed the Revital Group 'Tuff n Tumble' playground surfacing as specified above for compliance with current New Zealand Standards. On-site testing with a Triax 2000 Portable Surface Impact Testing Rig was conducted in accordance with the procedure set down in NZS 5828:2015. Based on our assessment, we are satisfied that the Revital Group 'Tuff n Tumble' playground surfacing specified surfacing type will satisfy the impact attenuation requirements of NZS 5828:2015 up to the stated critical fall height when installed and maintained, good condition to the required depth with adequate drainage. The service life of the tested surface is related to the durability of the material and the silt component percentage, degramont, and voidage results give a clear guide to serviceability. This certificate is valid for 3 years from the date of certification providing there is no change in the material specification of the product.

Signature.....Wednesday, 6 April 2016
RICHARD ERWIN. BSc Eng (Civil) (Aust) MIEAust RPEQ CPEng

ACN 606 697 312 ATF CCEP Australia trust ABN: 40 436 695 521



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NEW ZEALAND STANDARDS COMPLIANCE CERTIFICATE - PLAYGROUND SURFACING - REVITAL 'TUFF N TUMBLE' PLAYGROUND BARK

160403-2

MANUFACTURER: THE REVITAL GROUP
TE AWAMUTU ROAD
CAMBRIDGE
NEW ZEALAND

SURFACING TYPE: 'TUFF N TUMBLE' PLAYGROUND BARK

TEST LOCATION: 38, ROTHESAY BAY ROAD,
AUCKLAND,
NEW ZEALAND

MATERIAL: PLAYGROUND MULCH

SAMPLE: 1M X 1M TEST SAMPLE ON CONCRETE SLAB
150MM COARSE BARK CHIP
ON CONCRETE SLAB

CRITICAL FALL HEIGHT: 3.0 METRES

INSTALLATION DEPTH: 350MM UNCOMPACTED

We, Consulting Coordination Australia Pty Ltd of u101/437 Bourke St, Surry Hills, 2010, NSW, Australia, hereby certify that we have assessed the Revital Group 'Tuff n Tumble' playground surfacing as specified above for compliance with current New Zealand Standards. On-site testing with a Triax 2000 Portable Surface Impact Testing Rig was conducted in accordance with the procedure set down in NZS 5828:2015. Based on our assessment, we are satisfied that the Revital Group 'Tuff n Tumble' playground surfacing specified surfacing type will satisfy the impact attenuation requirements of NZS 5828:2015 up to the stated critical fall height when installed and maintained, good condition to the required depth with adequate drainage. The service life of the tested surface is related to the durability of the material and the silt component percentage, degramont, and voidage results give a clear guide to serviceability. This certificate is valid for 3 years from the date of certification providing there is no change in the material specification of the product.

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