

BB01_ BASKETBALL GRIZZLY HOOP_ TECHNICAL DRAWING



ENGINEERED FOR EXCELLENCE

Structural Integrity

Designed and certified (PS1 Design) by a Chartered Professional Engineer (BE Hons, CPEng, CMEngNZ & ACE NZ) to exceed NZ Building Code and safety standards. Engineered for a 400kg live load with a 1.5 load factor and rigorously tested for wind and dunking loads.

Manufacturing Expertise

Crafted by a ISO 9001 & ISO 3834 Certified manufacturer in Christchurch with over 40 years of experience.

Independent Quality Assurance

Materials (steel grade & source) verified by 3WS.
Welding certified by an onsite International Welding Engineer (IWE®).
Load testing conducted by NZ Steel & Tube.
Coatings tested and approved by NZ Coatings Ltd.

SAFETY & DURABILITY

Safe Installation

Equipped with lifting eyes and a safety catch for secure and effortless installation.

Vandal-Resistant Backboard Options

Aluminium - unique triangle punch design prevents vandalism, reduces weight, and minimizes wind load. Powder-coated in your choice of Dulux Duratec colors for superior durability.

Polycarbonate - transparent with exceptional impact resistance and half the weight of glass.

Patented Sprung Hoop

Innovative U-spring design eliminates the need for rust-prone coiled springs. Fixed hoop option also available. Both options are powder-coated in your chosen Dulux Duratec colour.

High-Strength Net

Heavy-duty white nylon net secured with Dyneema rope (10x stronger than steel per unit of weight).

Corrosion Protection

All components (pole, extension arm & backboard frame) are coated with a premium PUR5 PPG Protective and Marine Coating system, providing superior protection in high-corrosivity environments (C4 ACC) as per AS/NZ 2312.1:2014. Applied in your chosen colour by New Zealand's leading industrial coaters with over 50 years of experience.

Robust Hardware

Structural 8.8 Grade hot-dip-galvanized bolts, nuts, and washers for long-lasting strength.

FOUNDATION OPTIONS

Standard

600 OD x 1500mm deep plant-type footing.

Pad Type

300 x 2000 x 2000mm for challenging sites (e.g. services, weak soils, high water table).

OPTIONAL ADD-ONS

BB04 Parklife High Five Seat

Convenient courtside seating.

BB05 Parklife Park Light

Solar-powered backboard lighting.

STANDARDS & WARRANTY

Compliance

Complies with NZ Building Code and Building Act 2004, SNZ TS 3404:2018, and Auckland Council's Basketball Towers Performance Specification.

Warranty

5-year warranty (excludes net).



BB01_ BASKETBALL GRIZZLY HOOP_ TECHNICAL INFO

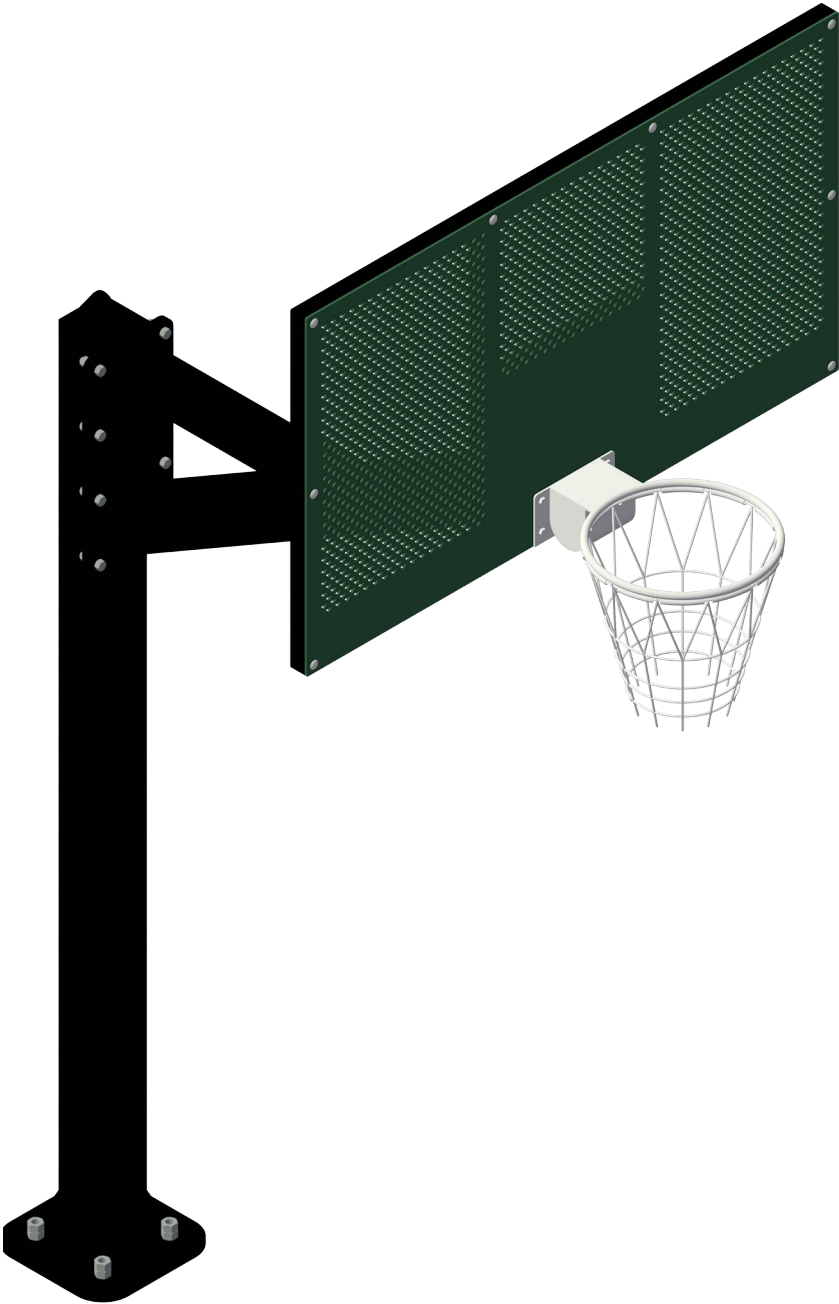


POLE, EXTENSION ARM & BACKBOARD FRAME

Premium PUR5 PPG Protective and Marine Coating system to C4 ACC standards (AS/NZ 2312.1:2014) for superior performance in harsh environments. Applied by New Zealand's leading industrial coaters with over 50 years of experience.

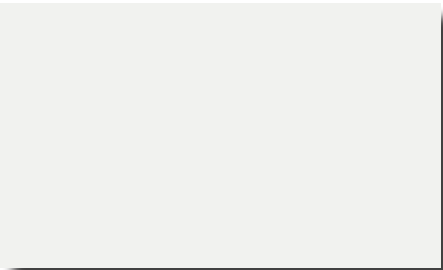


BLACK (GLOSS)



BACKBOARD & HOOP

Durable Dulux Duratec powdercoat finish for long-lasting performance.
Transparent Polycarbonate backboard option also available - unbreakable strength and half the weight of glass.



APPLIANCE WHITE (MATT)



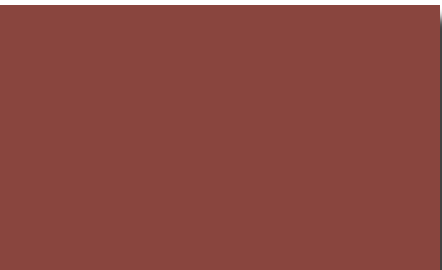
BLACK (MATT)



LEAF GREEN (SATIN)



FLAME RED (GLOSS)



DESERT RED (SATIN)



STORM BLUE (SATIN)



EVERGREEN (SATIN)



REEF BLUE (GLOSS)



TOMCAT ORANGE (GLOSS)



SUNSHINE YELLOW (GLOSS)

BB01_ BASKETBALL GRIZZLY HOOP_ COLOUR OPTIONS

