

ESSENTIALS - MATERIALS SPECIFICATION



UPRIGHTS

Choice of the following materials:

1. Aluminium - 75mm x 75mm (3.5mm wall thickness). Powder-coated.
Grade: 6082-T6, anodised 15um.
Fixture Method: Drill + threaded inserts fitted, mild steel (zinc).

2. Galvanised Steel - 75mm x 75mm internally coated (2.5mm wall thickness). Powder-coated.
Grade: C450L0
Fixture Method: Drill + threaded inserts fitted, mild steel (zinc).

Strength meets the strength requirements of Section 2.2.2 of AS 4685.1-2004.

Caps: Moulded plastic (polyethylene).

POWDER COATING

All steel components have a lead and TGIC free, baked polyester powder-coat finish.

Our finish of 80-120 microns greatly exceeds the required Australian Standard (AS3715-2002) of 60 microns.

PLATFORMS AND PLATFORM INFILLS

Fully reinforced, Marine Grade Aluminium (5005-H34). Minimum thickness 3mm.

Finish: Textured powder-coat.

STEEL PLAY COMPONENTS

1. Galvanised Steel - Galtube plus, meeting the specifications C350L0.
2. Stainless Steel - 304 and 316 Grade Stainless Steel.

Finish: Powder-coated.

PLASTIC PLAY COMPONENTS

- Rota-moulded - Polyethylene (UV stabilised, rating 8) with 930 density.
- Injection Moulded - 30% Glass Filled Nylon.

SLIDES

Available in a range of sizes and the following materials:

1. Rota-moulded polyethylene (UV stabilised, Rating 8) with 930 density.
2. Stainless steel grades T304 & T316.
3. Galvanised steel side (HDG).
4. Fully reinforced, commercial grade aluminium (5005-H34). Minimum thickness 3mm. Powder-coated finish.

PANELS

Available in the following materials:

1. Galvanised steel with powder-coated finish.
2. Rota-moulded polyethylene (UV stabilised, rating 8) with 930 density.
3. Tri-laminate high density polyethylene (routed designs).

ROPES

- Rope Diameter - 16mm and 18mm
- Rope Covering - Nylon
- Rope Core - Polypropylene
- Steel Reinforcement - 6 x galvanised wire strand 1570N/mm²
- Hydraulically pressed aluminium terminals
- Stainless steel hardware
- Plastic connectors - Nylon

CHAINS

1. 6mm short link stainless steel chain.
2. 6mm and 8mm short link zinc passivated or galvanised chains.

ROOFS

Available in the following materials:

1. Rota-moulded polyethylene (UV stabilised, rating 8) with 930 density.
2. Zinculum steel with powder-coat finish.

TUNNELS

Available in the following materials:

1. Rota-moulded polyethylene (UV stabilised, rating 8) with 930 density.
2. Fully reinforced, commercial grade aluminium (5005-H34). Minimum thickness 3mm. Powder-coated finish.

STEPS & STAIRS

Available in the following materials:

1. Aluminium (5005-H34) with powder coated finish.
2. Galvanised steel with powder coated finish.
3. Rota-moulded polyethylene (UV stabilised, rating 8) with 930 density.

SPRING EQUIPMENT

Shapes available in the following materials:

1. Cast aluminium and fabricated steel.
2. Tri-laminate high density polyethylene.

Springs are rust protected. Fixing plates zinc passivated.

All aluminium, plates and springs have a powder-coated finish.

BOLTS

Pan head trilobular recess with cone point and tamper proof head.

- Case hardened to 450 HV5 minimum.
- Finish: zinc 5 micron and yellow dichromate.
- Size: M10 x 20 x 1.5 thread.

Also available as T302 stainless steel.

All bolts, fixtures and fittings meet Australian Standard AS 1112 and AS 1390.

TIMBER

Type: Meranti of the Shorea species - A light hardwood

Durable and resistant to insect attacks

Coated with a long lasting UV and weather resistant timber stain

All Forpark timber is responsibly sourced through a FSC certified supplier