Playground » UNIVERSAL tower sets » Tower units with a platform higher than 1 m



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UNIVERSAL 4U151D

Product type 4U-151D-15

Basic information

Age category 3 - 15 years Minimum area 7 m x 7,5 m

Equipment measurements 3,75 m x 3,56 m x 2,62 m

Free fall height: 1,5 m
Load capacity: 378 kg
Max. number of users: 7

Fall zone: EN 1177 null, 43,5 m²
Designation: exterior
Availability of spare parts: supplied by the
Certificate of Compliance: ČSN EN 1176 - 1, 2, 3

Material

Wooden units - thick glued wooden supports

Metal units - structural steel Plastic units - HDPE, polyamide

Slide - fibreglass

Ropes and nets - polypropylene with a steel internal core Climbing holds - mix of silica sand and epoxy resin

Finish

null

Duplex powder coated with coat curing Hot-dip galvanizing

Description

43.5m2 3.75m

The tower unit support structure is made from thick glued wooden supports. This solution ensures maximum protection against cracking, which is common for products made from solid wood. The wooden supports are impregnated and coated with a triple layer of lacquer, which meets the terms and conditions of the EN71/3 Standard (safe for children's toys). The structures are anchored into the ground in steel plates, which are protected against corrosion by hot-dip galvanizing and fixed in a concrete bed. The anchors are fastened to the play unit with bolts and their structure ensures that they are not in direct contact with the ground. All other metallic elements are also zinc coated or duplex powder coated with coat curing according to RAL to prevent corrosion. The slide is made from fibreglass. The surfaces of the slides, steps, etc. are made from high quality HDPE plastic (high density coloured polyethylene, which is characterised by high colour stability, UV resistance but mainly safety as it doesn't break and therefore there is no danger of injury to children by sharp fragments). The climbing net and the rope are made using HERKULES material (16 mm thick ropes made from polypropylene with a steel internal core) and are connected with plastic or aluminium joints. The platform, ramp and the vertical climbing wall are made from HPL (High-pressure laminate, which is characterised by high colour stability and water resistance). The climbing holds are made from the mix of silica sand and epoxy resin, which ensures long life, colour preservation as well as skin friendly surface. All fastening material is galvanized or stainless steel.

Equipment

Tower, slide, sloping ramp with the rope and HDPE steps, sloping net access, vertical climbing wall.