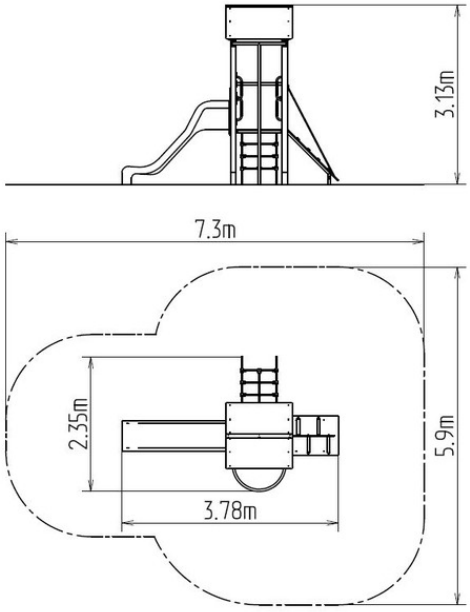
UNIVERSAL 4U138D

Product type 4U-138D-10

Basic information

Age category	2 - 15 years
Minimum area	7,3 m x 5,9 m
Equipment measurements	3,78 m x 2,35 m x 3,13 m
Free fall height:	1 m
Load capacity:	378 kg
Max. number of users:	7
Fall zone: EN 1177	null
Designation:	exterior
Availability of spare parts:	supplied by the
Certificate of Compliance:	ČSN EN 1176 - 1, 2,



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
Roof - HPL

Finish

null
Duplex powder coated with coat curing
Hot-dip galvanizing

Description

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 and the ramp are made from HPL (High-pressure laminate, which is characterised by high colour stability and water resistance). The roof is made from HPL (High-pressure laminate, which is characterised by high colour stability, UV resistance and water resistance). Al fastening material is galvanized or stainless steel.

Equipment

Tower, slide, A-shaped roof, fire pole, sloping ramp with the rope and HDPE steps, sloping net access.

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