Category

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

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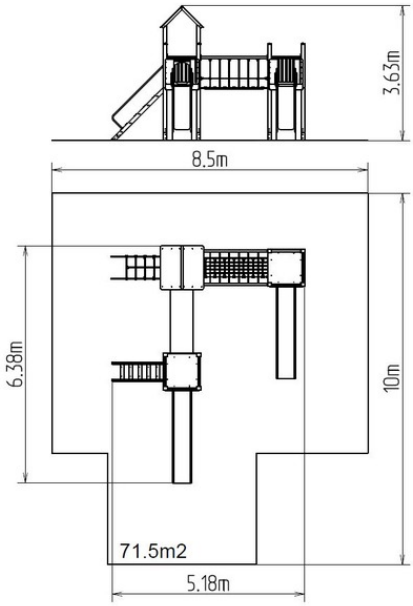
UNIVERSAL 4U307D

Product type 4U-307D-15

Basic information

Age category	3 - 15 years
Minimum area	8,5 m x 10 m
Equipment measurements	5,18 m x 6,38 m x 3,63 m
Free fall height:	1,5 m
Load capacity:	1134 kg
Max. number of users:	21
Fall zone: EN 1177	Rubber or gravel, 71,5 m^2
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 - stainless steel
Ropes and nets - polypropylene with a steel internal core
Plastic parts - HDPE, polyamide
Slides - fibreglass
Tunnel - fibreglass
Roof - HPL

Finish

Impregnation and coating with a triple layer of lacquer
Komaxit powder coating
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 metal units are KOMAXIT powder coated according to the RAL colour chart or are hot-dip galvanized.
The slides are 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 rope bridge and the climbing net 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 platforms are made from HPL (High-pressure laminate, which is characterised by high colour stability and water resistance). The crawler tunnel is made of fibreglass with high UV stability and high colour stability. The roof is made from HPL (High-pressure laminate, which is characterised by high colour stability, UV resistance and water resistance). All fastening material is galvanized or stainless steel.

Equipment

3x tower, 2x slide, A-shaped roof, rope bridge, ladder, 3x barrier from HDPE, crawl tunnel between the towers, sloping net access, sloping ramp with steps and metal handles.

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