



## UNIVERSAL 4U505D

Product type 4U-505D-10

### Basic information

Age category	2 - 15 years
Minimum area	10,3 m x 7,3 m
Equipment measurements	7,22 m x 3,78 m x 3,48 m
Free fall height:	1 m
Load capacity:	1242 kg
Max. number of users:	23
Fall zone: EN 1177	Grass surface
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, Apertures - Plexiglass,  
 Plastic units - HDPE  
 Slides - fibreglass  
 Ropes and nets - polypropylene with a steel internal core  
 Climbing holds - mix of silica sand and epoxy resin  
 Flag - polyester fabric

### Finish

Impregnation and coating with a triple layer of lacquer  
 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 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 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 platforms, ramp, drawing board and the sloping 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

5x tower, 2x slide, metal railing set in a wooden frame, 3x post with a flag, drawing board, sloping net access, sloping climbing wall with climbing holds, sloping ramp with the rope and HDPE steps, sloping ladder with metal steps, 4x barrier with an aperture, ladder, anchor, helm made from HDPE, 4x barrier from HDPE.

