



## UNIVERSAL 6U105D

Product type 6U-105D-10

### Basic information

Age category	2 - 15 years
Minimum area	5,1 m x 7,2 m
Equipment measurements	2 m x 3,63 m x 2,12 m
Free fall height:	1 m
Load capacity:	486 kg
Max. number of users:	9
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, water-proof plywood  
 Metal units - structural steel  
 Plastic units - HDPE  
 Slide - fibreglass  
 Climbing holds - mix of silica sand and epoxy resin

### 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 100 x 100 mm 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 and treated with baked paint KOMAXIT according to the RAL colour system.

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 platform and the vertical climbing wall are made from water-proof plywood designed for external environment or from HDPE should the client require. 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, vertical climbing wall, ladder, barrier from HDPE, 2x metal railing set in a wooden frame.

