



UNIVERSAL 4U505D-W

Product type 4U-505D-10-W

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 - glued wooden supports
 Metal units - structural steel, Apertures - Plexiglass,
 Plastic units - HDPE
 Slides - Polyethylene
 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 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 slides are made from Polyethylene. The platforms, ramp, drawing board, the sloping climbing wall, 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 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. Crawl tunnels are made from fibreglass which is UV stable and it is characterised by high colour stability. All fastening material is stainless steel.

Equipment

5x tower, 2x slide, 5x 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 ramp with steps and metal handles, 2x crawl tube under the tower, fitness rack climbing unit with handles, anchor, helm made from HDPE.

