



## UNIVERSAL 4U505K-W - metal

Product type 4U-505K-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 - water-proof plywood  
 Metal units - structural steel  
 Plastic units - HDPE  
 Slides - Polyethylene  
 Ropes and nets - polypropylene with a steel internal core  
 Climbing holds - mix of silica sand and epoxy resin  
 Apertures - Plexiglass, Flags - polyester fabric

### Finish

Duplex powder coated with coat curing  
 Hot-dip galvanizing

### Description

The support structure of the tower unit is made of structural steel (metal profile 100 × 100 mm) which is protected against corrosion by zinc coating, resulting in a very prolonged service life of the workout elements, and coating with baked paint KOMAXIT according to the RAL colour system. 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.

