



## UNIVERSAL 4U412D

Product type 4U-412D-15

### Basic information

|                              |                          |
|------------------------------|--------------------------|
| Age category                 | 3 - 15 years             |
| Minimum area                 | 12,9 m x 13 m            |
| Equipment measurements       | 9,54 m x 8,79 m x 3,63 m |
| Free fall height:            | 1,5 m                    |
| Load capacity:               | 2322 kg                  |
| Max. number of users:        | 43                       |
| Fall zone: EN 1177           | null, 112 m <sup>2</sup> |
| 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 units - HDPE, polyamide  
 Slides - fibreglass  
 Tunnel - fibreglass  
 Roofs - HPL

### Finish

null  
 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 slide is made of fibreglass. The face of the slide and the step boards are made of high quality HDPE (high-pressure, full-coloured polyethylene, which is characterised by high colour stability, UV resistance and mainly safety because it is rigid and there is no risk of injury caused by sharp broken fragments). Ropes and nets are made of HERKULES (16 mm polypropylene ropes with inner steel core) and are connected by plastic connectors. The crawler tunnel is made of fibreglass with high UV stability and high colour stability. The platforms and ramp are made from HPL (High-pressure laminate, which is characterised by high colour stability and water resistance). The roofs are made from HPL (High-pressure laminate, which is characterised by high colour stability, UV resistance and water resistance). All connecting material is zinc or stainless steel coated.

### Equipment

4x tower, 2x A-shaped roof, 2x slide, 5x barrier from HDPE, sloping ramp with the rope and HDPE steps, ladder, rope bridge, crawl tunnel between the towers, sloping ramp with steps and metal handles, spider web, bridge with a rope railing, metal beam.

