



## Climbing set SS102D

Product type SS-102D-20

### Basic information

Age category	3 - 15 years
Minimum area	9,5 m x 8,5 m
Equipment measurements	5,87 m x 4,08 m x 2,63 m
Free fall height:	2 m
Load capacity:	756 kg
Max. number of users:	14
Fall zone: EN 1177	null, 68,5 m <sup>2</sup>
Designation:	exterior
Availability of spare parts:	supplied by the
Certificate of Compliance:	ČSN EN 1176 - 1

### Material

Wooden units - glued wooden supports, water-proof plywood  
 Metal units - structural steel  
 Climbing holds - mix of silica sand and epoxy resin  
 Ropes and nets - polypropylene with a steel internal core  
 Slide - fibreglass  
 Plastic parts - polyamide

### Finish

null  
 Duplex powder coated with coat curing  
 Hot-dip galvanizing

### Description

The climbing set 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 climbing net and the rope ladder are made using HERKULES material (16 mm thick ropes made from polypropylene with a steel internal core) and they are connected with plastic joints. The slide is made from fibreglass. The surface of the slide is 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 is made from water-proof plywood designed for external environment or from HDPE should the client require. The climbing wall is made from water-proof plywood designed for external use. 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

2x climbing wall, climbing net, Swedish ladder, climbing pole, fitness rack, climbing pole, fitness rack, rope ladder, 2x handle, sloping ladder with metal steps, slide.

