



DIKULO

Playful geometry.... The main features of the DIKULO range of play elements are their geometric shape and unusual scale. DIKULO playground elements have their place in the middle of city parks, in both modern and historic buildings. They can serve as a design element with an added play function, standing out for their simplicity and unusual size. The wooden structures are complemented by metal, nets, and ropes.

MATERIALS:

The supporting structure is made of structural BSH larch beams with supporting elements made of steel tubes, most commonly Ø15, 25, 28, 30, 32, 38, 42, 70 mm, swing beams @108 mm, which also serve as play attractions. The sandpit is made of solid oak beams. The floorboards and additional structural elements are made of solid larch wood. The fillings, walkable and climbable elements are made of colored high-pressure HPL boards for outdoor use with a thickness of 6-8 mm, depending on the application. In some sets, the climbing elements are made of waterproof laminated plywood. The rope elements and nets are made of ropes with a multi-strand steel core braided with polypropylene yarn. The ropes are connected and terminated with plastic, aluminum, and stainless steel connectors. Some rope ends and connections between elements are made using 6 mm stainless steel chains. Slides of various lengths are made of AISI 304 stainless steel. Plastic slides are made of impact-resistant, full-color polyethylene (PE) that is scratch-resistant. Some elements of the roof are made of galvanized sheet metal to prevent water accumulation. The connecting material is made of galvanized (high-strength) or stainless steel, depending on the use, purpose, and load. The climbing holds are made of fully colored polyester filled with fiberglass and silica sand.

SURFACE FINISH:

The wooden parts made of larch wood are coated with two layers of pigmented vegetable oil-based alkyd resin paint containing a UV absorber. The metal parts are hot-dip galvanized or coated with colored powder paint in a RAL shade or stainless steel finish. Some metal parts are hot-dip galvanized – anchoring parts. For painted parts, a zinc primer is applied under the paint to increase resistance to rust. All materials used for surface treatment comply with both hygienic and environmental requirements.

ANCHORING:

For anchoring, you can choose either chemical anchors on prepared concrete slabs/footings or concreting into concrete footings. This solution requires the delivery of additional steel anchors for each assembly.

SAFETY:

The play elements meet the safety and quality criteria defined by ČSN EN 1176 "Playgrounds".