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## PIPE AGE

The **PIPE AGE** playground was created on the basis of the growing demand for non-traditional playgrounds with a high level of robustness and durability. The solid construction and the materials used predestine PIPE AGE for areas of high demand and possible vandalism. Its design with focus and feel for technical detail and its "transparency" make it suitable for any type of urban development. **PIPE AGE** represents a so-called functional design, where form is subordinated to function. The playground has an open layout, it is transparent for both children and parents and therefore more safe. It does not prescribe a certain course of action for the children, leaving them room to enter or leave the game at any time. The current game is open to the maximum number of children. The sets are made up of play elements of varying difficulty and are designed for children of different ages and physical readiness. The child progresses and chooses the path himself according to his possibilities and imagination.

The play elements of the **PIPE AGE** playground are made of highly resistant, low-maintenance materials to best resist wear and tear, climatic influences and to guarantee their long life.

### MATERIAL:

The bearing structure is made of Ø108 mm steel pipes with supporting elements made of Ø42.4 mm steel pipes, which also act as play attractions. All steel parts of the supporting structure are hot-dip galvanized. The fillings, walkways and climbing elements are made of coloured HDPE plastic sheets 19 mm thick. The rope elements and nets are made of ropes with a multi-strand steel core braided with polypropylene or polyester yarn. The rope connections and rope terminations are made with couplings made of plastic, aluminium and stainless steel. For the attachment of the rope elements, special handles made of cast aluminium alloy powder-coated are used in some assemblies. The slides of different lengths have a sliding part made of AISI 304 stainless steel. The supporting structure and the sides of the slides are made of coloured HDPE plastic plates 19 mm thick. Some of the rope terminations and element connections are made with 6 mm stainless steel chains. The connecting material is made of galvanized (strength) or stainless steel depending on the use, purpose and load.

### SURFACE FINISH:

The bearing steel structure and functional steel parts are coated with hot-dip galvanizing. Other steel parts such as roofs, arches and decorative elements are powder-coated. All materials used for the surface treatment meet both hygiene and ecological requirements.

### ANCHORING:

The anchoring is made by concreting the supporting steel pipes and anchoring chains into the concrete footings.

### SAFETY:

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

