



42250 SELÇUKLU/KONYA

TECHNICAL DESCRIPTION

Bridge

The **bridge** will be intended for the general development of coordination and reflexes, as well as for the improvement of children's physical conditions. The construction will consist of support pillars made of steel pipes with a diameter of 89 mm and a thickness of 3 mm on clamps without welded joints, horizontal bars made of steel pipes with a diameter of 33 mm. The construction will also be made of HDPE - high-density polyethylene without toxic components with a multilayer structure of various colors with a thickness of 15mm, supported by horizontal reinforced cables. On the sides, protections from twisted reinforced ropes will be provided. To avoid the penetration of water from precipitation, the pillars must be covered with plastic covers. The metal elements need to be sandblasted and painted in an electrostatic field, in two layers with a thickness of 100 microns to give them resistance to the external environment.

Materials: HDPE, processed and painted, metal pipes covered with powder paint, all connections are covered with special anti-vandal covers.

Dimensions: Length - 2080mm, width - 870mm, Height - 980mm. The foundation of the construction will have dimensions of LxWxH=400x400x500mm.

Requirements for installation: To ensure safe and reliable operation, all supporting elements are to be deepened into the soil (earth) to 0.50m to increase rigidity, then following the concreting process (concrete BC 300). The installation of the elements must exclude the possibility their disassembly, without the use of special purpose tools.



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