



## **SIMAT CO.LTD.**

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KONYA/TURKEY



### **TECHNICAL DESCRIPTION LOT 2 (Playground 12x12 m)**

- A game complex (8.5x8.5) like a labyrinth for 40 people aged 3 to 15 years. The complex will include the following components:

one . Access ladder (1 pc.) Will consist of 9 steps with 12x45 ° cut edges, no sharp edges, 90 x 22 x 4 cm, at regular intervals, with a uniform and horizontal structure. The front of each rung will be vertical to the back of the bottom rung. The stiffening will be done with two side boards with a minimum dimension of 150 x 20 x 4 cm, with 12 x 45 ° cut edges and no sharp edges. The access staircase will be equipped with 2 parapets, formed by 2 inclined metal railing, which will contain 10 gutters installed at equal distances, and 2 live arms, fixed by embedding in the milled sections, anti-corrosion protected corners. The connecting elements used will be represented by a nut and self-tapping screws, and the protruding parts of the screws and nuts will be recessed into the wooden structure and protected by plastic covers.



- 2.** Square platform without a roof (4 pcs.) It will be made of wood with a carefully processed surface, without roughness, chips, cracks and other defects that could harm users, protected and painted by impregnation with preventive protective agents, respectively, paint coating. It is intended for children aged 3-15 years with a maximum number of 1 users and will have the following minimum dimensions: length 109 cm, width 109 cm and height 258 cm. The area of the equipment, including the protective surface, should not exceed 17 square meters. It will consist of: the waiting area (floor) will be paved with boards without gaps between them, with a total size of 109 x 90 x 4 cm, which makes it impossible to block the leg or leg. 1) *wooden supports (4 pcs.) Will have a square section of min. 90 x 90 mm and a height of at least 2.55 m with machined edges 12 × 45 °, without sharp edges, and in order to avoid constant contact with the ground, they will be resting on metal supports fixed in solidarity with the column and protected from corrosion, poured with concrete like this so that the bottom of the column is 20 mm from the natural ground level.*
- 3.** 3. 2) *wooden beams (2 pcs.) To strengthen the structure, they will have a square section of 90 x 90 mm and a length of 90 cm, and the edges will be processed 12 × 45 °, without sharp edges.*
- 4.** *On the other sides of the waiting area, a metal enclosure will be provided, protected from corrosion and attached to the post by embedding in milled sections designed to connect various equipment (e.g. access platforms, rails, connections, etc.) to the waiting area.*
- 5.** *On the inside of the metal fence structure, both at the bottom and at the top, there will be conventional 90 x 5 x 4 cm gutters with finished edges and no edges. The wooden floor will be installed 150 cm from the base of the post, resulting in a drop height of 150 cm from the waiting area.*
- 6.** *The equipment will be mounted on 4 metal supports to prevent direct contact of wood with the ground, in a concrete foundation B150 at a depth of 75 cm.*



**3.** Interactive play panel - game "X and 0" (3 pcs.) Play equipment, located at the base of 4 square areas near the ground, measuring 90 x 13 x 89 cm. It will be designed for children aged 3 to 15 years with maximum number of users 2. The area of the equipment, including the protective surface, should not exceed 13 m<sup>2</sup>



Square platform with a roof (5 pcs.) It will be made of wood with a carefully processed surface, without roughness, chips, cracks and other defects that could harm users, protected and painted with impregnation means of preventive protection, respectively. paintwork. It is intended for children aged 3 to 15 years with a maximum number of 1 users and will have the following minimum dimensions: length 120 cm, width 120 cm and height 341 cm. The area of the equipment, including the protective surface, should not exceed 18 square meters. It will consist of: zona de asteptare (podea) va fi podita de scanduri fara fante intre ele, cu dimensiunea totala de 109 x 90 x 4cm, facand imposibila blocarea piciorului sau gambei, cu respectarea SR EN 1176-1 / 2008. Podeaua din lemn va fi montata la 150 cm de baza stalpului, rezultand astfel o inaltime de cadere din zona de asteptare de 150 cm.

4. Wooden poles (4 pcs.) They will have a square cross-section of 90 x 90 mm and a height of 3 m, with machined edges  $12 \times 45^\circ$ , without sharp edges, and in order to avoid constant contact with the ground, they will rest on metal poles rigidly fixed on column and protected from corrosion, cast in concrete, so that the lower part of the column is at a distance of 20 mm from the natural ground level. Thus, there is no danger that due to moisture due to snow or rainwater, the wood will rot and the resistance structure will weaken. The tops of the pillars will be provided with a PAFS roofing 120 x 120 cm and a height of 55 cm. The wooden beams (2 pcs.) To reinforce the structure will have a square cross-section of 90 x 90 mm and a length of 90 cm, and the edges are finished  $12 \times 45^\circ$  will not have sharp edges ..

The equipment will be mounted on 4 metal supports to prevent direct contact of wood with the ground in a concrete foundation B150 at a depth of 75 cm.

A metal fence will be provided on one side of the waiting area. On the inside of the metal railing structure, both at the bottom and at the top, there will be 90 x 5 x 4 cm gutter rails with machined edges and no sharp edges.

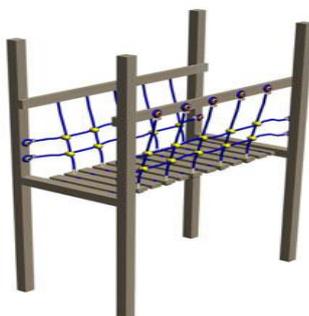
The metal fence will be protected from corrosion and fixed to the support by cutting into the milled sections.



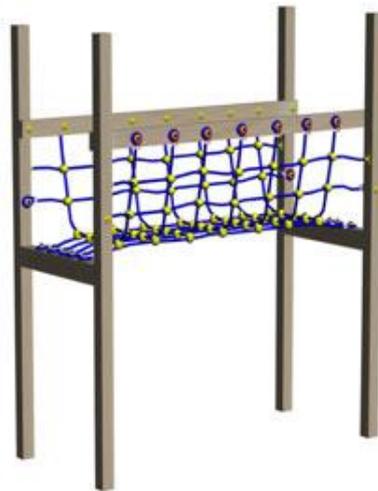
Straight connecting pipe made of PAFS with a diameter of 800 mm (3 pieces) is intended for joining 2 waiting areas: a square platform with a roof and a square platform without a roof. It is intended for children between the ages of 3 and 15, with a maximum number of users of 1 and will have a minimum size of 150 cm long. using some screw-nut fasteners ..



5. Mobile connection with steps and parapet made of twisted rope (4 pcs.) It will be designed to connect 2 waiting areas between a square platform without a roof and a square platform with a roof. It will contain 13 wooden sleepers with carefully finished surfaces, without roughness, chips, cracks or other defects that could harm users. They will be protected and painted by mass impregnation with the appropriate preventive means of protection by applying paint. The sleepers will be located in one horizontal plane one after the other and will be supported by two horizontal cables, which will be rigidly fixed to the bottom of the sleepers and by their ends on the sleepers of adjacent platforms. On the side there will be wire mesh fences supported by 2 horizontal sleepers, which will make legatura intre stalpii corespunzatori ai celor 2 platforme. the connection between the corresponding posts of the two platforms. It is intended for children aged 3 to 15 years with a maximum number of 1 users and will have the following minimum dimensions: length 200 cm, width 108 cm. The area of the equipment, including the protective surface, should not exceed 22 square meters.



.. Bridge Type Mesh Connection (3 pcs) Provides a connection between a square deck without a roof (as described above) and a square deck with a roof (as described above). It will consist of two horizontal wooden sleepers that will connect the supports corresponding to two adjacent sites. Both sleepers, as well as the posts and beams of the two platforms, will catch on a rope made of twisted cable that will connect the two platforms. It is intended for children aged 3 to 15 years with a maximum number of 1 users and will have the following minimum dimensions: length 250 cm, width 108 cm and drop height 150 cm. The area of the equipment, including the protective surface, should not exceed 24 m<sup>2</sup> ...



. Straight HDPE rails (2 pcs.), Which will be attached to the waiting area of the platform. It will be equipment that will allow children to slide down to ground level, along a 250 cm long and 40 cm wide track, bordered by side rails along its entire length. Designed for children from 3 to 15 years old, maximum 1 user. The area of the equipment, including the protective surface, should not exceed 12 sq. M. On the right slide, there will be 3 zones: the start zone, the slip zone and the exit zone.

1) the departure area is the area where the child can enter the sliding position and is in the continuation of the waiting area. It will be protected by side rails 50 cm high. In this area, inside the metal frame used for the connection, a transverse restraining bar will be provided to prevent the user from vertically accessing the departure area, but only in a curved position.

2) the sliding zone will have an angle of 60 ° with respect to the horizontal and will be protected by side rails 20 cm high.

3) the exit zone will be the place where the child leaves the equipment. The end of the exit zone will be bent down, and its edge will not touch the ground, being above it at a height of 20 cm. It will be protected by side fences 20 cm high.



. Double straight rails (1 pc.) Made of fiberglass. It will be equipment on which children will be able to ride on two tracks, 250 cm long and 40 cm wide, bordered by side rails placed along their entire length. It will be intended for children aged 3 to 15 years with a maximum number of users 2. The area of the equipment, including the protective surface, should not exceed 14 square meters. The double right slide will represent 3 zones: the start zone, the slip zone and the exit zone.

1) the launch pad will be in the continuation of the waiting area, being the surface on which the child enters a sliding position. It will be protected by side rails 50 cm high and inside the metal railing used for the hitch. a transverse retaining bar is provided, which does not allow access in the vertical position of the user, but only in the bent position.

2) the sliding zone will have an angle of  $60^\circ$  with respect to the horizontal and will be protected by side rails 20 cm high.

the exit area is the area in which the child leaves the slip area. The end of the exit zone will be bent down, and its edge will not touch the ground, being at a height of 20 cm above the ground.

3) the exit zone is the zone in which the child leaves the slip zone. The end of the exit zone will be bent down, and its edge will not touch the ground, being at a height of 20 cm above the ground.



. Screw rail (1 pc.) Made of fiberglass with a serpentine 310 cm long and 60 cm wide, bordered by side rails placed along its entire length.

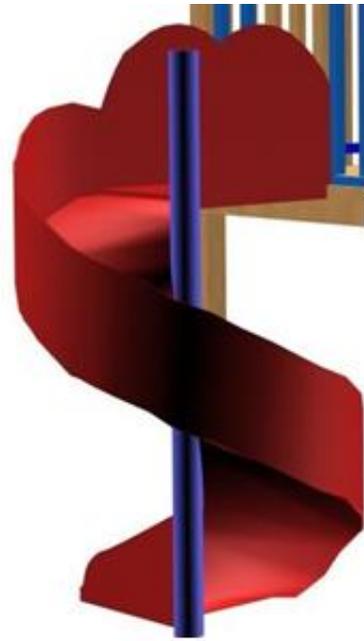
It will be intended for children aged 3 to 15 years with a maximum number of users 1. The area of the equipment, including the protective surface, should not exceed 22 square meters.

The slide will consist of 3 zones: a start zone, a slip zone and an exit zone.

1) the launch pad will be in the continuation of the waiting area, being the surface on which the child will enter the sliding position. It will be protected by side rails 50 cm high and inside the metal railing structure used for the coupling so that a transverse retaining bar is provided that will not allow the user to access in an upright position, but only in a bent position.

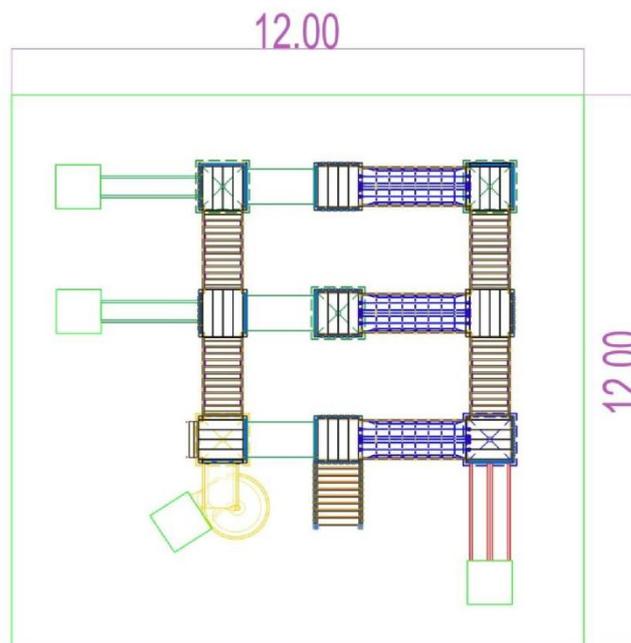
2) the sliding zone is a spiral coil on which the child slides, also protected by side fences, 30 cm high.

3) the exit zone will be the surface on which the child leaves the slip zone. The end of the exit zone will be bent down, and its edge will not touch the ground, being at a height of 25 cm from the ground. It will be protected by side rails 25 cm high.



. Panel with lifting nozzles (1 pc.) It will be made of wood with a carefully processed surface, without roughness, chips, cracks or other defects that could harm users, protected and painted by impregnation with preventive protection, respectively paintwork. The panel will be fixed to the platform legs and equipped with lifting sockets. Designed for children aged 3 to 15 years and no more than 1 user. Dimensions (minimum): Length: 105 cm, Height: 150 cm.





**Our catalog code for 3 game complexes: inox-wdn-300**



**SİMAT OFİS EĞİTİM MALZ. PAZ. GİD. DIŞ TİC. VE SAN. LTD.ŞTİ.**

**Sincerely,**

**Kazım TAVUKÇUOĞLU**

