

СЕРТИФІКАТ



80143
DСТУ EN ISO/IEC 17021-1

Зареєстрований у Реєстрі ОС ТОВ «ЦЕНТР СУЧАСНИХ СИСТЕМ МЕНЕДЖМЕНТУ» від "15" лютого 2022 р.
№ 80143.QMS.012-22
Дійсний до "14" лютого 2025 р.

НА СИСТЕМУ УПРАВЛІННЯ ЯКІСТЮ

ЦИМ СЕРТИФІКАТОМ ПОСВІДЧУЄТЬСЯ, ЩО СИСТЕМА УПРАВЛІННЯ ЯКІСТЮ СТОСОВНО *виробництва та реалізації ігрових комплексів та їх комплектуючих, розроблення, виробництва, продажу та монтажу дитячого ігрового обладнання, обладнання для дитячих майданчиків та устаткування для заняття спорту та відпочинку, спортивного обладнання, меблів для вулиць та саду*

(коди ДКПП 25.11, 32.30, 32.99, 43.29, 43.32, 46.49, 46.90, 71.12),

яке здійснює

**ТОВАРИСТВО З ОБМЕЖЕНОЮ ВІДПОВІДАЛЬНІСТЮ
«ДУКОР»**

Україна, 03179, м. Київ, Брест-Литовське шосе, 8а,
Адреси виробництва: Київська обл., Бородянський район, с. Озера, вул. Шевченко 7а;
м. Київ, вул. Академіка Кримського, 27
код ЄДРПОУ 39069054

відповідає вимогам

ДСТУ ISO 9001:2015 (ISO 9001:2015, IDT) «Системи управління якістю. Вимоги»

Контроль відповідності сертифікованої системи управління якістю вимогам зазначеного стандарту здійснюється шляхом технічного нагляду, періодичність і процедури якого регламентуються програмою.

Сертифікат виданий:

Органом з сертифікації ТОВ «ЦЕНТР СУЧАСНИХ СИСТЕМ МЕНЕДЖМЕНТУ», 09100, Київська обл., м. Біла Церква, вул. Героїв Небесної Сотні, 2, офіс 607
тел. 380506254811; 380958946409
Атестат про акредитацію №80143

Директор



Юлія ПАСІЧНИК

СЕРТИФІКАТ



80143
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Зареєстрований у Реєстрі ОС ТОВ «ЦЕНТР СУЧАСНИХ СИСТЕМ МЕНЕДЖМЕНТУ» від « 15 » лютого 2022 р.
№ 80143.QMS.012.01-22
Дійсний до « 14 » лютого 2025 р.

НА СИСТЕМУ УПРАВЛІННЯ ЯКІСТЮ

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код ЄДРПОУ 39069054

відповідає вимогам

ISO 9001:2015

«Quality management system. Requirements»

Контроль відповідності сертифікованої системи управління якістю вимогам зазначеного стандарту здійснюється шляхом технічного нагляду, періодичність і процедури якого регламентуються програмою.

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Юлія ПАСІЧНИК

СЕРТИФІКАТ



80143
DСТУ EN ISO/IEC 17021-1

Зареєстрований у Реєстрі ОС ТОВ «ЦЕНТР
СУЧАСНИХ СИСТЕМ МЕНЕДЖМЕНТУ»
від «14» червня 2021 р.
№ 80143.EMS.035-21
Дійсний до « 13 » червня 2024 р.

НА СИСТЕМУ ЕКОЛОГІЧНОГО УПРАВЛІННЯ

ЦИМ СЕРТИФІКАТОМ ПОСВІДЧУЄТЬСЯ, ЩО СИСТЕМА ЕКОЛОГІЧНОГО УПРАВЛІННЯ
СТОСОВНО

*розроблення, виробництва, продажу та монтажу дитячого ігрового
обладнання, обладнання для дитячих майданчиків та устаткування
для заняття спорту та відпочинку, спортивного обладнання, меблів
для вулиць та саду*

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код ЄДРПОУ 39069054*

відповідає вимогам

ДСТУ ISO 14001:2015

Система екологічного управління. Вимоги

Контроль відповідності сертифікованої системи екологічного управління вимогам
зазначеного стандарту здійснюється шляхом технічного нагляду, періодичність і
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СУЧАСНИХ СИСТЕМ МЕНЕДЖМЕНТУ»,
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Атестат про акредитацію №80143 від 20.04.2021

Директор



Ю.В. Пасічник

СЕРТИФІКАТ



80143
ДСТУ EN ISO/IEC 17021-1

Зареєстрований у Реєстрі ОС ТОВ «ЦЕНТР СУЧАСНИХ СИСТЕМ МЕНЕДЖМЕНТУ» від "14" червня 2021 р.
№ 80143.EMS.035.01-21
Дійсний до "13" червня 2024 р.

НА СИСТЕМУ ЕКОЛОГІЧНОГО УПРАВЛІННЯ

ЦИМ СЕРТИФІКАТОМ ПОСВІДЧУЄТЬСЯ, ЩО СИСТЕМА ЕКОЛОГІЧНОГО УПРАВЛІННЯ
СТОСОВНО

розроблення, виробництва, продажу та монтажу дитячого ігрового обладнання, обладнання для дитячих майданчиків та устаткування для заняття спорту та відпочинку, спортивного обладнання, меблів для вулиць та саду

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«ДУКОР»**

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код ЄДРПОУ 39069054*

відповідає вимогам

ISO 14001:2015

«Environmental management systems - Requirements with guidance for use»

Контроль відповідності сертифікованої системи екологічного управління вимогам зазначеного стандарту здійснюється шляхом технічного нагляду, періодичність і процедури якого регламентуються програмою.

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Атестат про акредитацію №80143 від 20.04.2021

Директор



Ю.В. Пасічник



Sertifika

ISO 9001 : 2015

MUSTAFA DURNA İNŞAAT A.Ş
Horozluhan Mahallesi Demirlenk Sokak No:46 Selçuklu Konya /TÜRKİYE

Bu sertifika yukarıdaki kuruluşa ait kalite yönetim sisteminin aşağıdaki kapsam çerçevesinde PCA Sertifikasyon tarafından onaylandığını göstermekte olup, sertifikanın geçerliliği kuruluşun yıllık gözetim denetimlerinden geçmesine ve Uluslararası akreditasyon kuralları gereğince ilgili yönetim sisteminin şartlarını devam ettirmesine bağlıdır.

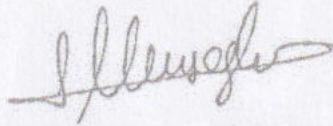
KAPSAM

Plastik oyun grubu imalatı ve satışı

EA KODU
23

Sertifika No : KY-27714
Tescil Tarihi : 02.09.2021
Yeniden Basım Tarihi :
Geçerlilik Tarihi : 01.09.2022
Belge Periyodu : 3 Yıl (Tescil Tarihinden itibaren)
Hariç Tutma :




PCA Sertifikasyon Onayı

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Sertifika

ISO 45001 : 2018

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Bu sertifika yukarıdaki kuruluşa ait iş sağlığı ve güvenliği yönetim sisteminin aşağıdaki kapsam çerçevesinde PCA Sertifikasyon tarafından onaylandığını göstermekte olup, sertifikanın geçerliliği kuruluşun yıllık gözetim denetimlerinden geçmesine ve Uluslararası akreditasyon kuralları gereğince ilgili yönetim sisteminin şartlarını devam ettirmesine bağlıdır.

KAPSAM

Plastik oyun grubu imalatı ve satışı

Sertifika No	: OH-52983
Tescil Tarihi	: 15.02.2021
Yeniden Basım Tarihi	: 28.01.2022
Geçerlilik Tarihi	: 14.02.2023
Belge Periyodu	: 3 Yıl (Tescil Tarihinden itibaren)



PCA Sertifikasyon Onayı

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GAME GROUP TECHNICAL SPECIFICATION

CARRIER CONSTRUCTION

it will be formed from SDM pipe with a diameter of 114 mm and a wall thickness of 2.5mm. horizontal and vertical pipes with a length of 2500 mm and greater will be connected by welding with a special fitting system in such a way that they form right angles to each other. The upper parts of these pipes will be sealed with plastic plugs fixed with a minimum of two hemispherical aluminum rivets shaped by injection molding in order to prevent water, moisture and foreign substances from entering them. Vertical and horizontal pipes with a diameter of 114 mm will be connected in such a way that they form a right angle to each other. The lower parts of the pipes forming the carrier construction will be joined by welding method with a minimum 150x150x5mm sheet flange. The pipes will be subjected to sandblasting Process.

ELECTROSTATIC PAINT

All metal parts whose production has been completed should be rinsed by leaving them in a degreasing bath with a 5% concentration at 70 °c for 10 minutes. After rinsing, metals washed with hulasa with a special alloy detergent with phosphate coating property should be subjected to SANDBLASTING process, then polyester-based static powder coating process should be performed and baked in a 200 °C oven for 20 minutes.

FASTENERS

The carrier clamps can be made based on fiber polyemide (nylon 66) made by injection method or by connecting the platform directly to the carrier system. All fasteners must be disassembled and detachable.

Barrier clamps should be polyemide based, made by injection method.

Beam Connections on the side; should be polyemide based, made by injection method. Connection diameters min. 32 mm. It should be suitable for diameter pipes.

A. All the nuts, bolts and washers used in the clamps are min.It should be according to the M8 nut and M8 bolt layout.

BOLTS, NUTS AND WASHERS

C Such bolts, washers and nuts used in the system must be dachromate coated. And certainly there should be no sharp corner protrusions more than max 3mm.

All nuts should be fiberglass. In this way, the problem of loosening and falling of the nuts due to vibration will be eliminated.

Contact electro galvanized bolts should only be used in places that are closed with plastic lids.
Exposed

all bolts and nuts in the places should be dachromate coated.

116X116 SQUARE PLATFORM

A Minimum of 20x40x1.5 mm on the carcass made of box profiles, the dimensions of the platform, which will be formed by attaching a 2 mm wall thickness sheet metal with frequent points, will be 116x116 cm. The connection holes of the platform will be opened in advance. The number of supports placed under the platform is 6 pieces and the platform dimensions will be 8 cm.

The upper surface of this platform will be coated with PVC (Plastisol) with -60 ± 5 share A hardness, 1 gr/cm³ density, at least kg/cm² breaking strength, 650-700% break elongation and 100 m³ (max) abrasion property by HOT DIPPING METHOD with anti static material mixture. The PVC thickness will be at least 1 mm at each point.

These platforms will be connected by clamping by means of galvanized bolts and nuts on special cut ears existing in the carrier construction (attached at the manufacturing stage).

HEXAGONAL PLATFORM

The dimensions of the platform, which will be formed by attaching 2 mm wall thickness sheet metal with frequent points to the carcass made of 20x40x1.5 mm box profiles, are 226x202 cm. will be. The connection holes of the platform will be opened in advance.

The upper surface of this platform will be coated with PVC (Plastisol) BY HOT DIPPING METHOD with antistatic material mixture with -60 ± 5 share A hardness, 1 gr/cm³ density, at least kgf/cm² breaking strength, 650-700% break elongation and 100 m³ (max) wear property. The PVC thickness will be at least 1 mm at each point.

A. These platforms will be connected by clamping by means of galvanized bolts and nuts on special cut flanges existing in the carrier construction (attached at the manufacturing stage).

HEXAGONAL ROOF

The hexagonal roof will be manufactured in 3 colors with a minimum diameter of 270 cm and a height of at least 190 cm.

The hexagonal roof must necessarily be connected directly to the main construction. A fastener should not be used Decently from time to time.

The hexagonal roof will be manufactured with rotation technology from polyethylene raw materials. The dyestuffs used in coloring will be suitable for children's health.

☒ weight min.97 KG.

H:100 FLAT SLIDES

The 100 cm. on FLAT slides connected to the platform at its height; the angle of inclination of the sliding section with the bed will be manufactured as a double-walled and single piece, so that the maximum 40° is measured according to the height axis of the slide.

The height of the side parts of the entrance section of the flat slide will be at least 20 cm. The width of the sliding section of the Flat Slide will be at least 40 cm.

The width of the exit section of the flat slide shall be at least 75 cm and the exit radius shall be at least 50 mm.

The exit section of the slide will be concreted by embedding into the ground with an anchor.

The Roller Slides will be manufactured with rotation technology from powdered self-colored LLDPE raw materials. The dyestuffs used in coloring will be in accordance with the children's health and food regulations.

TS EN 1176-3 / 04.02.2010 It is obligatory to have the expression 'FLAT SLIDE' within the Scope of the Document.

☒ weight min.25 KG

ROCK CLIMBING

The climbing stage should be made of self-colored polyethylene material.

A Rock climbing should be manufactured in one piece and with double walls.

The climbing platform will be designed and manufactured in 90x100 cm dimensions.

A. Rock climbing from the top with galvanized pipes with a diameter of 114 mm and a wall thickness of 2.5 mm, the clamp system assistance will be fixed to the main construction.

POLYEMIDE-based clamps shaped by injection method will be used at the junction points of the terminal pipes with rock climbing, through which the pipe with a diameter of 114 mm can pass.

The dyestuffs used in coloring will be in accordance with the children's health and food regulations.

☒ weight min.18 KG.

H: 150 cm SPIRAL SLIDE

The SPIRAL slides connected to the 150 cm high platform will be manufactured as a single piece with double walls and designed so that the exit part is 90 ° to the left side of the entrance part.

The height of the entrance section side parts (depth) of the slide shall be at least 25 cm. The width of the sliding section of the slide will be at least 50 cm.

D) Spiral slides will have an exit section (deceleration plane) that will reduce the sliding speed, and the length of the sliding section will be at least 55 cm, the length of the exit section will be at most 10°, the exit radius will be 50 mm.

The exit section of the slide will be concreted by embedding into the ground with an anchor.

In the middle part of the spiral slides, there will be a slot in the spiral way that allows the Ø89 pipe to be installed in the section.

The Roller Slides will be manufactured with rotation technology from powdered self-colored LLDPE raw materials. The dyestuffs used in coloring will be in accordance with the children's health and food regulations.

article TS EN 1176-3/04.02.2010 It is obligatory to have the expression 'SPIRAL SLIDE' within the Scope of the Document.

☒ weight min.47 KG.

H:150 FLAT SLIDE

The size is 150 cm. on FLAT slides connected to the platform at its height; the angle of inclination of the sliding section with the bed will be manufactured as a double-walled and single piece, so that the maximum 40° is measured according to the height axis of the slide.

The height of the side parts of the entrance section of the straight slide will be at least 22 cm. The width of the sliding section of the Flat Slide will be at least 42 cm.

A. The radius of the exit point of the slide should be at least 50 mm. The exit width should be at least 75 cm.

The exit section of the slide will be concreted by embedding into the ground with an anchor.

The Roller Slides will be manufactured with rotation technology from powdered self-colored LLDPE raw materials. The dyestuffs used in coloring will be in accordance with the children's health and food regulations.

TS EN 1176-3 / 04.02.2010 It is obligatory to have the expression 'FLAT SLIDE' within the Scope of the Document.

☒ weight min.35 KG.

STRAIGHT SLIDE ENTRANCE WITH FIGURE

The Flat slide entrance with a Side Figure will be manufactured with a double wall made of polyethylene, designed in one piece on the top and both sides in order to ensure the safe passage of children to the slide.

The entrance of the Flat slide with a Side Figure has dimensions of 94x117 cm, the entrance part is min. it will be designed and manufactured with a width of 57 cm.

It will be fixed to the main construction with the help of a 100 cm galvanized pipe and clamp system with a diameter of $\varnothing 27$ mm and a wall thickness of 2 mm from the upper side of the entrance to the flat slide with the help of screws from the lower side and to the platform. $\varnothing 27 \times 2$ mm galvanized pipe will be passed through the polyethylene entrances as a whole. pipes shorter than 100 cm will not be used.

Polyamide-based self-colored plastic clamps shaped by injection method, through which galvanized pipe with a diameter of $\varnothing 27$ mm can pass, will be used at the junction points with the slide entrance of the auxiliary pipes.

☒ weight min.9 KG

STRAIGHT SLIDE ENTRANCE WITH FIGURE

The Flat slide entrance with a Side Figure will be manufactured with a double wall made of polyethylene, designed in one piece on the top and both sides in order to ensure the safe passage of children to the slide.

The entrance of the Flat slide with a Side Figure has dimensions of 94x117 cm, the entrance part is min. it will be designed and manufactured with a width of 45 cm.

It will be fixed to the main construction with the help of a 100 cm galvanized pipe and clamp system with a diameter of Ø27 mm and a wall thickness of 2 mm from the upper side of the entrance to the flat slide with the help of screws from the lower side and to the platform. Ø27x2 mm galvanized pipe will be passed through the polyethylene entrances as a whole. pipes shorter than 100 cm will not be used.

Polyamide-based self-colored plastic clamps shaped by injection method, through which galvanized pipe with a diameter of Ø27 mm can pass, will be used at the junction points with the slide entrance of the auxiliary pipes.

Flat slide entrances with a Side Figure will be manufactured with rotation technology with double walls made of powdered self-colored LLDPE raw materials. The dyestuffs used in coloring will be in accordance with the children's health and food regulations.

☒ weight min.9 KG

PLATFORM BOARD WITH DUCK FIGURE

The panels with a duck figure will be manufactured with rotation technology with double walls made of powdered self-colored LLDPE raw materials. The dyestuffs used in coloring will be in accordance with the children's health and food regulations.

The panels with the secondary Duck figure are designed with dimensions of at least 94x113 cm, manufactured as 2 pieces so that the outer body and the panel consist of an inner figure, and the inner figure of the panel will be mounted on the outer body.

The panels with an Initial Duck Figure will be fixed to the main construction with the help of a 100 cm galvanized pipe and clamp system with a diameter of Ø 27 mm and a wall thickness of 2 mm on the upper side, and to the platform with the help of a screw on the lower side. Ø27x2 mm galvanized pipe will be passed through the polyethylene panels as a whole. pipes shorter than 100 cm will not be used.

Polyamide-based self-colored plastic clamps shaped by injection method will be used at the junction points of the connecting pipes with the panel, through which the pipe with a diameter of Ø27 mm can pass.

☒ weight min. 11 KG.

PLATFORM BOARD WITH ELEPHANT FIGURE

Side Elephant shaped panels; They will be manufactured with rotation technology with double walls made of powdered self-colored LLDPE raw material. The dyestuffs used in coloring will be in accordance with the children's health and food regulations.

Panels with an elephant figure will be designed with dimensions of at least 94x113 cm, manufactured as 2 pieces so that the outer body and the inner figure of the panel will consist of an inner figure, and the inner figure of the panel will be mounted on the outer body.

The Elephant Shaped panels will be fixed to the main construction with the help of a 100 cm galvanized pipe and clamp system with a diameter of \varnothing 27 mm and a wall thickness of 2 mm on the upper side, and to the platform with the help of a screw on the lower side. \varnothing 27x2 mm galvanized pipe will be passed through the polyethylene panels as a whole. pipes shorter than 100 cm will not be used.

Polyamide-based self-colored plastic clamps shaped by injection method, through which the pipe with a diameter of \varnothing 27 mm can pass, will be used at the junction points of the terminal pipes with the panel.

☑ weight min. 11 KG.

FOURSQUARE PANEL

Reclining panels will be manufactured with rotation technology with double walls made of powdered self-colored LLDPE raw materials. The dyestuffs used in coloring will be in accordance with the children's health and food regulations.

Reclining Four-seater panels will be designed in dimensions of at least 67x90 cm and manufactured in one piece with a depth of 39 cm.

The Reclining Four-seater panels will be fixed to the main construction with the help of a 100 cm galvanized pipe and clamp system with a diameter of \varnothing 27 mm and a wall thickness of 2 mm on the upper side, and to the platform with the help of a screw on the lower side. \varnothing 27x2 mm galvanized pipe will be passed through the polyethylene panels as a whole. pipes shorter than 100 cm will not be used.

Polyamide-based self-colored plastic clamps shaped by injection method will be used at the junction points of the connecting pipes with the panel, through which the pipe with a diameter of \varnothing 27 mm can pass.

METAL SPIRAL SLIDE RAILING

Subject Technical drawing-these are barriers made of metal pipe or polyethylene in order to provide safe entry to the spiral slide used in the game group, provided that they adhere to the measurements and safety rules.

When the entrance barrier is used as polyethylene, the installation will be completed with metal railings on the right and left along the platform.

The bottom will be fixed with the help of bolts and nuts with metal railings from the polyethylene product end with the platform from the bottom to grasp the entrance section of the slide; joints that do not have hidden details will be hidden with plastic covers.

In order to ensure a safe entrance for spiral slides, all entrances and handrails can also be used from polyethylene materials. In this case, polyethylene entrance barrier and railings will be manufactured from self-colored LLDPE raw materials with double-walled rotation technology. The dyestuffs used in coloring will be in accordance with the children's health and food regulations. The entrance and railings must weigh a minimum of 27 kg.

H: 100 CM LADDER AND RAILING FROM THE GROUND TO THE TOWER

The Access Stairs will be manufactured in one piece from dkp sheet with a wall thickness of 2 mm so that they can reach a height difference of 100 CM from the tower to the platform.

The step height of the stairs will be minimum 13 cm, maximum 20 cm. Stair railing minimum 70 cm, maximum 85 cm height 2 pieces will be manufactured for each stair group.

The stair treads will be coated with PVC (Plastisol) BY HOT DIPPING METHOD with mixed antistatic material mixed with -60 ± 5 share A hardness, 1 gr/cm^3 density, at least kg/cm^2 breaking strength, 650-700% break elongation and 100 m3 (max) wear property. The PVC thickness will be at least 1 mm at each point.

The edges of the ladder railing will be made of a minimum of 32x2.5 mm pipe, the railings will be made of a minimum of 27x2.5 mm pipe. The maximum Decoupling between the bars on the stair railing will be 85 mm.

The stair railings will be painted with polyester-based electro-static powder coating after sandblasting.

H:50 RAM

A Minimum of 20x40x1.5 mm on the carcass made of box profiles, the dimensions of the ramp, which will be formed by attaching a 2 mm wall thickness sheet with frequent points, will be 200x106 cm. The connection holes of the ramp will be opened in advance. The dimensions of the ramp will be 8 cm.

The upper surface of this platform will be coated with PVC (Plastisol) with -60 ± 5 share A hardness, 1 gr/cm^3 density, at least kg/cm^2 breaking strength, 650-700% break elongation and 100 m3 (max) abrasion property by HOT DIPPING METHOD with anti static material mixture. The PVC thickness will be at least 1 mm at each point.

The ramp railing must be designed to be mounted in relation to each other and thus a strong structure must have emerged.

During installation, all openings, tunnel or platform dimensions (width, height) must be in accordance with international safety and security norms. Dec.

HDPE TABLE

* The HDPE table will be produced with a minimum thickness of 20 mm (± 1 mm), so that the inside and outside are separate colors.

* HDPE table model will be created on CNC router workbenches.

* HDPE panels should be self-produced in double color, subsequent painting, bonding, etc. transactions should not be performed.

Ø 16 MM STEEL ROPE

Steel ropes used in children's playgroups and side elements will comply with TS EN 1176-11 standards.

* Steel Rope Ø 16 mm. It will be in diameter.

- Each rope will consist of 7 steel rope helices consisting of 6 steel yarns around the center made of polyamide raw material fiber.

* Steel core polyamide rope will consist of 42 reinforced steel ropes in total.

- The outside of the rope should be knitted with polyamide ropes.

* The breaking load of the rope is min. 4400 kg. should be.

* Positive PAH test in accordance with the AFPs GS 2014: 1 norm for drawstring materials, the Turkish Test Report must have been obtained from a laboratory approved by the Turkish Accreditation Agency.

ALUMINUM CONNECTIONS

* Stainless steel U bolt and eye bolt and similar stainless steel elements should be used inside the ropes, aluminum fittings that are pressed to the body or fixed with screws.

* Aluminum fixing elements that can be pressed or connected with screws should be used in the connections of the ropes to each other.

PLASTIC CONNECTIONS

- * Plastic fittings should be used at the junction of the ropes and on the bolt housing covers.
- * Plastic fasteners should be produced by injection molding technique from PA6 material.

security

- All bolts and nuts will be protected by plastic enclosures manufactured with injection technology to prevent children from accessing them.
- * According to EN 1176, inflexible gaps, gaps, holes that children can access in the playgroup parts should be designed in such a way that they do not cause jams.

PLAYGROUP AND INSTALLATION AREA - TOWER HEIGHTS

