



SINGLE

MATERIAL SPECIFICATION



p. 5



p. 6



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pp. 11 - 12



p. 13



p. 14



A solid structure made of AISI 304 stainless steel, cleaned using the glass bead blasting process, fully resistant to weather conditions.



Solid construction made of black steel S235JR, cleaned in the sandblasting process. All elements made of black steel are subjected to a two-layer powder coating process, which includes the following stages: First layer - zinc-rich primer, Second layer - topcoat in RAL colour



Plates of the walls made of colourful triple layered 15 mm HDPE polyethylene, in the highest quality, totally damp-proof and resistant to UV.



Plates of the walls and platforms made of colourful 13 mm HPL (black plates made of 8 mm HPL), in the highest quality, totally damp-proof and resistant to UV.



Anti-slip 18 mm HDPE plate in blue colour. Very high resistance to weather conditions and attrition.



Post endings finished with soft EPDM rubber.



System of connectors and clamps made of strong aluminum alloy. Aluminum is secured and powder coated with polyester paint UV resistant.



Springers' springs made of spring steel. The diameter of the spring is 200 mm and the diameter of the rod is 20 mm. The springs are subjected to a two-layer powder coating process, which includes the following stages: First layer - zinc-rich primer, Second layer - topcoat in RAL colour. The fastenings are designed especially for solutions used on a playground, so they are stripped of elements which can cause danger to children



Zip-line trolley made of stainless steel, equipped with a brake preventing movement without user supervision.



Seat made of soft rubber, reinforced with a steel sheet. Hanged on a galvanised chain covered in a rubber sleeve.



Anti-slip 10 mm HPL platform plate with a very high resistance to weather conditions and attrition.



Rope with a diameter of 10 mm - made of braided galvanised steel wire.



Slides made of stainless steel AISI 304. Metal sheet with a thickness of 2 mm formed in a CNC technique. Side panels made of HDPE polyethylene 15 mm, in the highest quality and totally dampproof and resistant to UV.



The seats are made with an aluminum construction covered with a soft EPDM rubber, hanged on 6mm stainless steel chains.



Safe post covers made of injection moulded polyamide.



Tube made of LDPE polyethylene, rotationally moulded, with an internal diameter of 53.5 cm and a length of 125 cm.



Posts made from coniferous wood, with a crosssection of 90x90 mm composed of 5 layers bonded with waterproof polyurethane adhesives. Undergoing a two step wood finishing system.



Glued laminated softwood posts from coniferous trees, anchored to the ground using steel anchors, subjected to two-layer powder coating process



Element made of polyester resin coated with a TOPCOAT layer - UV resistant..



Braided rope with a diameter of 140 mm, suspended on ropes with a diameter of 16 mm. 16 mm ropes with steel core type pp-multisplit



Rubber bumper made of soft and durable EPDM rubber.



Posts made from coniferous wood, with a crosssection of 140x140 mm composed of 8 layers bonded with waterproof polyurethane adhesives. Undergoing a two step wood finishing system.



"Bird nest" type seat with a diameter of 100 cm, hanged on 6 mm stainless steel chains. Metal frame covered with soft polypropylene rope.



Swing slings, with double bearings, made of stainless steel guarantees a quiet mechanism operation. Beside the horizontal movement it allows as well for the circular movement to avoid twisting of the chain.



The seats are made with an aluminum construction covered with a soft EPDM rubber, hanged on 6mm stainless steel chains.



Modules made of rotationally moulded polyethylene, designed to develop physical fitness and motor coordination.



Safe pipe covers made of injection moulded polyamide.



Back support of the seat with steel construction covered with soft polyurethane. Endings made of polyamide.



Safety seat made of aluminum and stainless steel covered with soft polyurethane, hanged on 6 mm stainless steel chains.



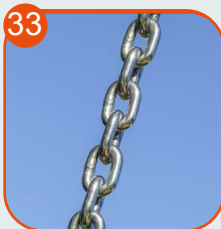
Reinforced rubber 17 mm thick.



Carousel seat with a diameter of 1 m, made of LDPE, rotationally moulded.



Hemispheric window with a diameter of 400 mm. Material: heat - formed polycarbonate 5 mm thick.



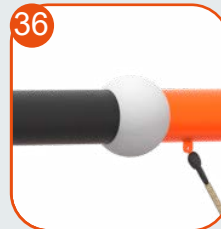
Attested 6 mm stainless steel chains.



Handhold made of injection moulded polyamide



Ergonomic seat made of injection moulded polyamide.



Pipe joint cover made of polyamide, rotationally moulded.



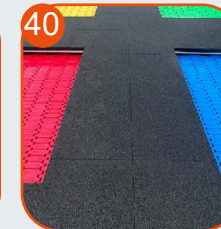
Polypropylene ropes PP-Multisplit type with a steel core and a diameter of 16 mm.



Polycarbonate sheet with a thickness of 6 mm.

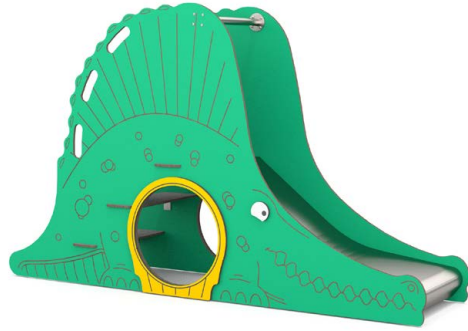


Anti-slip jumping mat made of polyamide slats, injection moulded. Abrasion resistant. Spacing between slats $\approx$ 3 mm.



Black SBR rubber surface, 30 cm wide, crush-resistant, cut from a 30 mm thick sheet.

SLIDES



2901



2902



2903



2036



2037



Courage



Sliding



Grasping

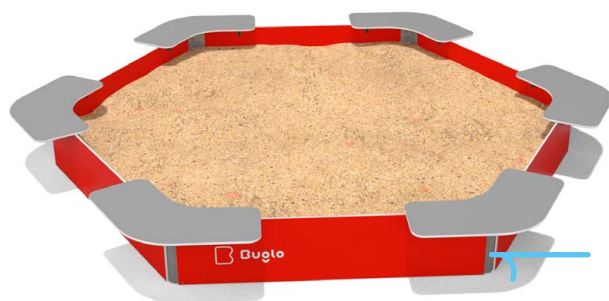


Socializing

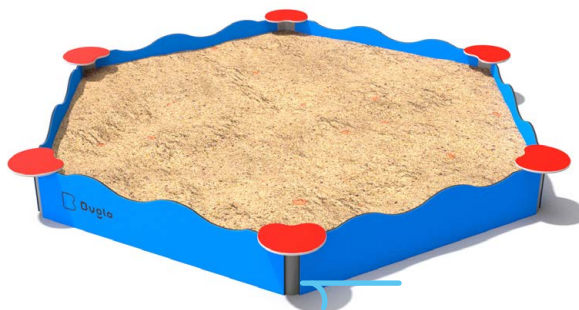


Emotion regulation

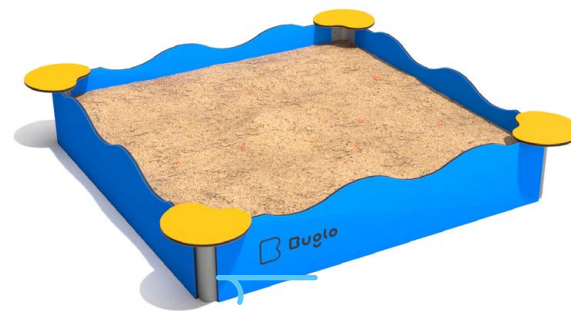
SANDPITS



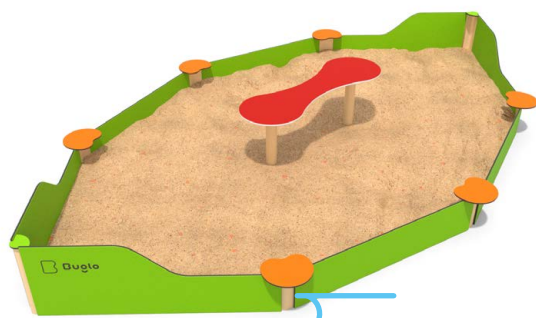
2001



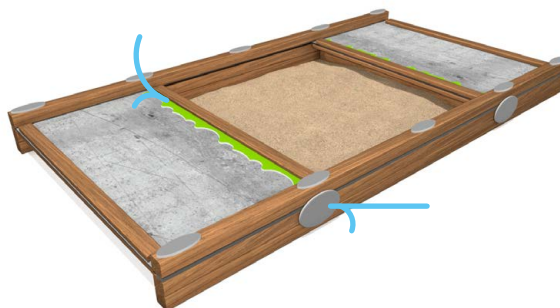
2003



2004



2006



8029



8030



2027



Sand playing



Creativity



Sensory
Integration



Socializing



Emotion regulation

SWINGS



3009



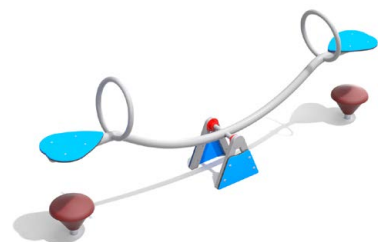
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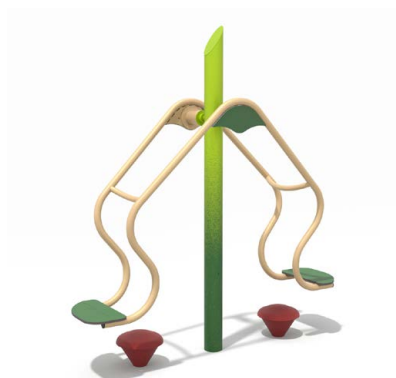
3012



3034



4001



4026



4071



4047



4077



Grasping



Swinging



Socializing

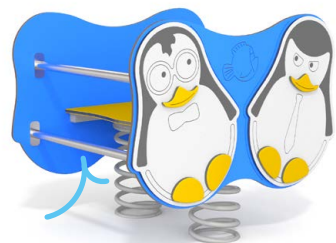


Emotion regulation

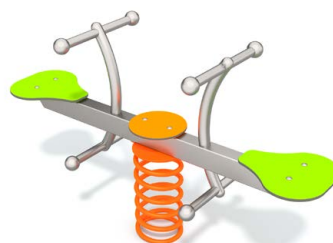
SPRINGERS



5101



5035



5030



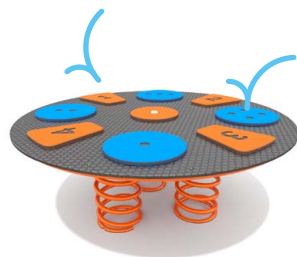
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5020



5015



5027



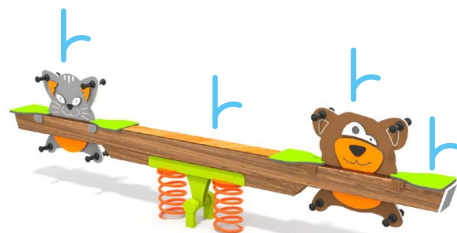
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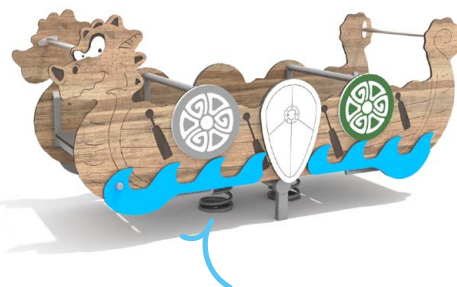
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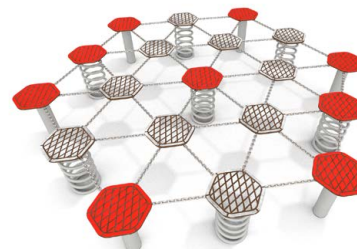
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8032



5033



4048

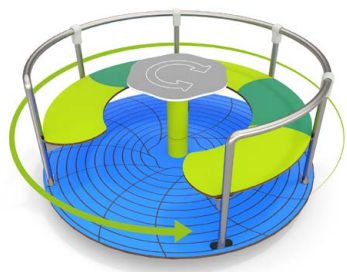


Rocking

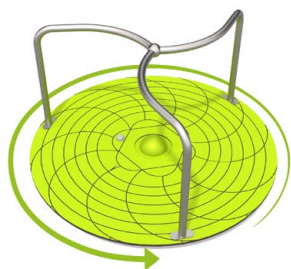


Emotion regulation

CAROUSELS



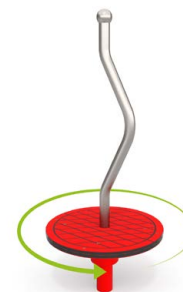
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4003



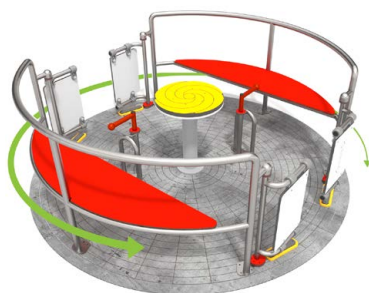
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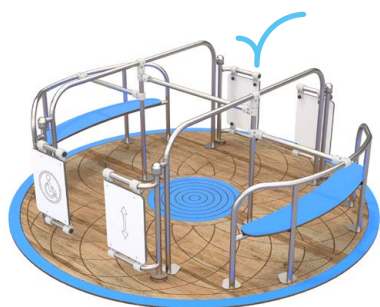
4014



4015



4024



4078



4068



4019



4023



Spinning



Grasping



Socializing



Emotion regulation

ZIP LINES



4083



4081



4059



4050



Sliding

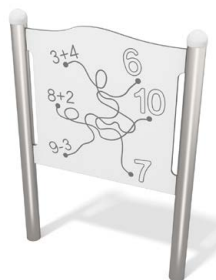


Courage



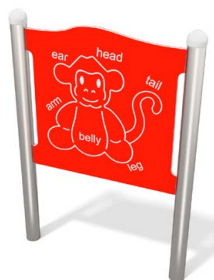
Emotion regulation

EDUCATIONAL BOARDS



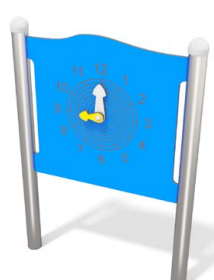
4101

Milled educational board made of 15mm HDPE plate. Allows to learn basics of math



4102

Milled educational board, made of 15mm HDPE plate. Allows to learn basic English words.



4104

Milled educational board made of 15 mm thick HDPE board with a movable rotating element. Stimulates senses of sight, touch and focuses attention.



4105

Rotary module, made of 13mm HPL plates embedded on the HDPE board. Stimulates the senses and supports the development of child's motor skills.



4103

Rotary module, made of 13mm HPL plates embedded on the HDPE board. Stimulates the senses and supports the development of child's motor skills.



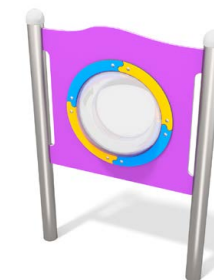
4119

Milled educational board made of HDPE board with a thickness of 15 mm. It focuses attention and enables learning the basics of geography.



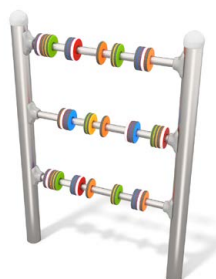
4107

Milled educational board made of 15mm HDPE plate. Stimulates children senses.



4109

Hemispheric window with a diameter of 400 mm. Material: heat - formed polycarbonate 5 mm thick.



4110

Counter module made of a colorful 15 mm HDPE plate.



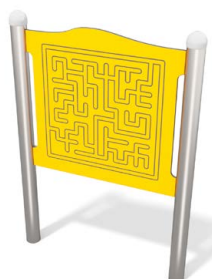
4111

The windows are made of safe polycarbonate 8 mm thick.



4115

Milled educational board made of 15mm HDPE plate. Allows to learn basics of math.



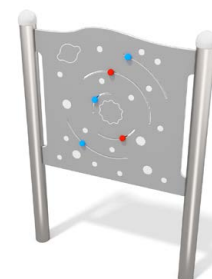
4116

Milled educational board made of 15mm HDPE plate. Stimulates children senses.



4122

Milled educational board made of 15mm HDPE plate. Allows to learn basics of Braille's alphabet.



4124

Milled educational board made of 15 mm thick HDPE board with a moving parts. Stimulates senses of sight, touch and focuses attention.



4127

Milled educational board made of 15 mm thick HDPE board. Stimulates senses of sight, touch and focuses attention.



4129

Milled educational board made of 15mm HDPE plate. Stimulates children senses.



Logical thinking



Educational boards

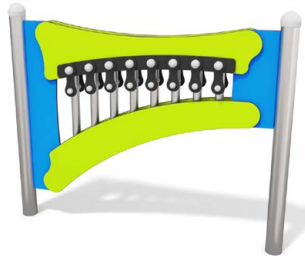


Grasping



Emotion regulation

EDUCATIONAL BOARDS



4130

Xylophone module, made of 13mm HPL plate and anodized aluminium. Allows you to play C- major scale.



4133

The TIC TAC TOE game is made of polyethylene rotationally molded with symbols on the form. Esthetic finishing without sharp edges. The barrel is 16 cm height and 15,5 cm wide enriched with additional symbols like sun and moon, making the fun even better.



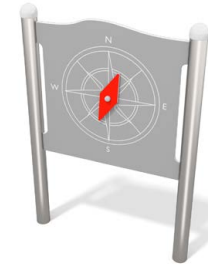
4135

Milled educational board made of 15 mm HDPE plate with playing module



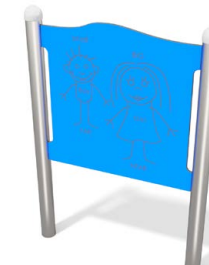
4136

Milled educational board made of 15 mm HDPE plate with playing module.



4150

Milled educational board made of 15 mm thick HDPE board with a moving parts. Stimulates senses of sight, touch and focuses attention.



4151

Milled educational board, made of 15mm HDPE plate. Allows to learn basic English words.



4152

Milled educational board made of 15mm HDPE plate. Stimulates children senses.



4153

Educational board made of 15 mm thick HDPE with rotating gears. It encourages children to experiment with movement, developing hand-eye coordination and manual skills.



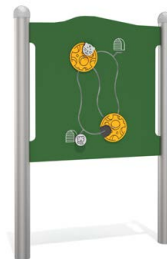
4154

Educational board made of 15 mm thick HDPE with 6 mm polycarbonate and movable balls. It trains perceptiveness, concentration, and the ability to track movement.



4155

Educational board made of 15 mm thick HDPE with movable elements for arranging patterns. It develops logical thinking, creativity, and the child's cognitive skills.



4156

Educational board made of 15 mm thick HDPE with movable elements guided along a track. It enhances fine motor skills, concentration, and the child's patience.



Logical thinking



Educational boards

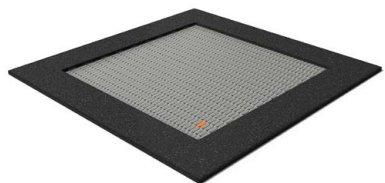


Grasping

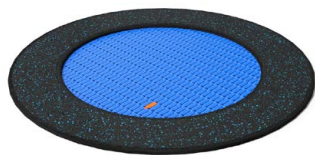


Emotion regulation

TRAMPOLINES



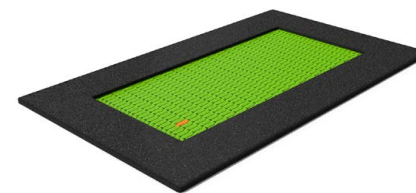
4201



4204



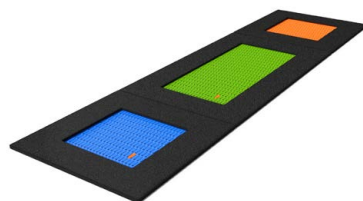
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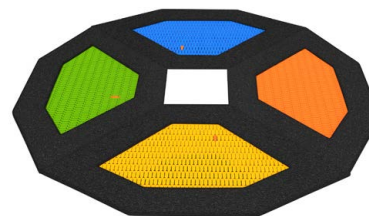
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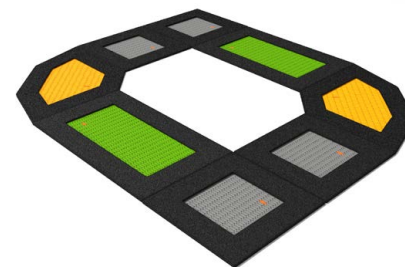
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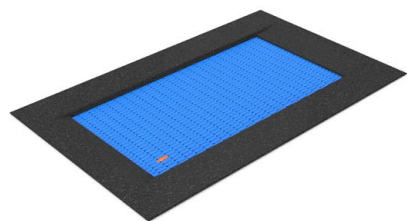
4210



4211



4212



4213



Jumping



Socializing



Emotion regulation

OTHERS



4075



4021



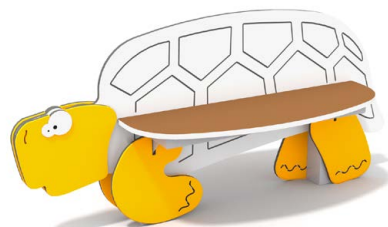
4018



4016



2035



2015



2017



1650