

TEST REPORT No 92628/1 A

2. Sample identification according to the request No L-20205 from 27/08/2021:

Sample name **Activity toy "Climbing Arch & Swing"**
Sample volume **one article**

3. Description/photo

The climbing arch & swing elements are made of wooden boards and wooden rods. The elements are fastened with metal screws. The sample is accompanied by assembly instructions. The assembly instructions state that the toy can be assembled in 2 montage options. The instructions contain the following warning text: "WARNING! For children age 1-6 years old. Max Weight 80 kg. Only for domestic use. Suitable for indoor use." CE marking is given.

Montage option 1



Dimensions: Length: 1150 mm, Width: 435 mm, Height: 570 mm.

Montage option 2



Dimensions: Length: 1150 mm, Width: 435 mm, Height: 400 mm.

4. Testing time

Received
27/08/2021

Started
27/09/2021

Finished
08/11/2021

5. Test results and methods

5.1 Mechanical and physical properties.

EN 71-1:2014+A1:2018 Safety of toys - Part 1: Mechanical and physical properties

The sample was tested in each of 2 montage options assembled according to instructions.

Sub-clause	Requirement - Assessment	Test result
4	General requirements	
4.1	Material cleanliness. <i>The materials used are visually clean.</i>	Pass the test
4.2	Assembly. <i>The sample is accompanied by montage instructions. The sample is intended to be assembled by an adult.</i>	Pass the test
4.3	Flexible plastic sheeting. <i>The sample does not contain flexible plastic sheeting.</i>	Not applicable
4.4	Toy bags. <i>The sample does not contain toy bags.</i>	Not applicable
4.5	Glass. <i>The sample does not contain accessible glass.</i>	Pass the test

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Sub-clause	Requirement - Assessment	Test result
4.6	Expanding materials. <i>The sample does not contain expanding materials.</i>	Not applicable
4.7	Edges	
a)	Edges of metal or glass. <i>The edges of metal screws pass the test when tested according to 8.11 (sharpness of edges). The sample does not contain edges of glass.</i>	Pass the test
b)	Edges in overlap joints. <i>The sample does not contain overlap joints.</i>	Not applicable
c)	Edges of metal including fastenings (e.g. screw heads) and of rigid polymeric material shall be free from burr capable of causing wounds or abrasion. <i>Edges of metal screw heads are free from burr capable of causing wounds or abrasion. The sample does not contain edges of rigid polymeric materials.</i>	Pass the test
d)	Hazardous sharp functional edges. <i>The sample does not contain hazardous sharp functional edges.</i>	Not applicable
4.8	Points and metallic wires	
a)	Points are considered as potentially hazardous sharp points if they are sharp as determined according to 8.12 (sharpness of points). <i>The sample does not contain hazardous sharp points when tested according to 8.12 (sharpness of points).</i>	Pass the test
b)	Hazardous sharp functional points. <i>The sample does not contain hazardous sharp functional points.</i>	Not applicable
c)	Metallic wires and other metallic components that are designed and intended to be bent. <i>The sample does not contain metallic wires and other metallic components that are designed and intended to be bent.</i>	Not applicable
d)	Metallic wires that are not designed to be bent but are likely to occasionally or accidentally be bent during play. <i>The sample does not contain metallic wires that are not designed to be bent but are likely to occasionally or accidentally be bent during play.</i>	Not applicable
e)	Splinters on surfaces and accessible edges of toys shall not present an unreasonable risk of injury taking into account the foreseeable use of the toy. <i>Accessible edges are free from splinters and do not present an unreasonable risk of injury.</i>	Pass the test
4.9	Protruding parts. <i>Protruding parts – the handles - have a smooth, rounded and approximately spherical finish. This protrusions cannot cause a puncture hazard to a child.</i>	Pass the test
4.10	Parts moving against each other. <i>The sample does not contain parts moving against each other.</i>	Not applicable
4.11	Mouth-actuated toys and other toys intended to be put in the mouth. <i>The sample does not contain mouth-actuated toys and other toys intended to be put in the mouth.</i>	Not applicable
4.12	Balloons. <i>The sample does not contain balloons.</i>	Not applicable
4.13	Cords of toy kites and other flying toys. <i>The sample does not contain cords of toy kites and other flying toys.</i>	Not applicable

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Sub-clause	Requirement - Assessment	Test result
4.14	Enclosures. <i>The sample does not contain enclosures.</i>	Not applicable
4.15	Toys intended to bear mass of a child	
4.15.1	Toys propelled by a child or by other means. <i>This toy is not propelled by a child or by other means.</i>	Not applicable
4.15.2	Toy bicycles. <i>This toy is not a toy bicycle.</i>	Not applicable
4.15.3	Rocking horses and similar toys. <i>This toy is similar to rocking horse.</i>	
a)	The bow rocker of any bow-mounted rocking horse or other rocking toy shall have a limit to its movement which shall at all times hold the user within the extreme of the bow. Compliance is checked by visual inspection. <i>Bow rockers are designed so that at all times hold the user within the extreme of the bow.</i>	Pass the test
b)	The toy shall not tip over when tested according to 8.23.1 (stability, toys intended to bear the mass of a child). <i>The toy not tip over when tested according to 8.23.1</i>	Pass the test
c)	Toys shall not collapse so that they do not continue to conform to relevant requirements of this European Standard when tested according to 8.21 (static strength). <i>The toy not collapse so that they do not continue to conform to relevant requirements of this European Standard when tested according to 8.21 (static strength).</i>	Pass the test
d)	Toys that due their construction, strength, design or others factors are not suitable for use by children of 36 months and over shall carry a warning. <i>The toy is intended for use by children of 36 months and over.</i>	Not applicable
4.15.4	Toys not propelled by a child <i>This requirement does not apply to toys covered by EN 71-8.</i>	Not applicable
4.15.5	Toy scooters. <i>The sample is not a toy scooter.</i>	Not applicable
4.16	Heavy immobile toys. Immobile toys with a mass of 4.5 kg or more and intended to rest on the floor but not to bear the mass of a child shall not tip over when tested according to 8.23.2 (stability, heavy immobile toys). <i>The weight of the toy is 7.5 kg. The toy can be placed on the floor without a load on the child's weight. The toy does not tip over when tested according to 8.23.2 (stability, heavy immobile toys).</i>	Pass the test
4.17	Projectiles. <i>The sample does not contain projectiles.</i>	Not applicable
4.18	Aquatic toys and inflatable toys. <i>This toy is not an aquatic or inflatable toy.</i>	Not applicable
4.19	Percussion caps specifically designed for use in toys and toys using percussion caps. <i>The sample does not contain percussion caps.</i>	Not applicable
4.20	Acoustics. <i>The sample is not an acoustic toy.</i>	Not applicable
4.21	Toys containing a non-electrical heat source. <i>The sample does not contain a non-electrical heat source.</i>	Not applicable

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Sub-clause	Requirement - Assessment	Test result
4.22	Small balls. <i>The sample does not contain small balls.</i>	Not applicable
4.23	Magnets. <i>The sample does not contain magnets.</i>	Not applicable
4.24	Yo-yo balls. <i>The sample does not contain yo-yo balls.</i>	Not applicable
4.25	Toys attached to food. <i>The sample is not a toy attached to food.</i>	Not applicable
4.26	Toy Disguise Costumes. <i>The samples do not contain toy disguise costumes.</i>	Not applicable
4.27	Flying toys. <i>The sample is not a flying toy.</i>	Not applicable
5	Toys intended for children under 36 months. <i>The sample is intended for children under 36 months.</i>	
5.1	General requirements	
a)	Toys and removable components of toys. <i>The sample does not fit in the small parts cylinder when tested according to 8.2. The sample does not contain removable components.</i>	Pass the test
b)	Tension tests. <i>When tested according to 8.4.2.1 (tension test, general), 8.3 (torque test), 8.7 (impact test), and 8.8 (compression test), the sample does not produce small parts, accessible hazardous sharp points or sharp edges.</i>	Pass the test
c)	Metal points and wires. <i>The sample does not contain metal points and wires.</i>	Not applicable
d)	Large and bulky toys. <i>The sample does not tip over when tested according to 8.6</i>	Pass the test
e)	Glued wooden toys. <i>The sample is not a glued wooden toy.</i>	Not applicable
f)	The casing of toys. <i>The sample is not a toy with casing.</i>	Not applicable
5.2	Soft-filled toys and soft-filled parts of a toy. <i>This is not a soft filled toy. The sample does not contain soft filled parts.</i>	Not applicable
5.3	Plastic sheeting. <i>The sample does not contain plastic sheeting.</i>	Not applicable
5.4	Cords, chains and electrical cables in toys. <i>The sample does not contain cords, chains and electrical cables.</i>	Not applicable
5.5	Liquid-filled toys. <i>The sample is not a liquid filled toy</i>	Not applicable
5.6	Speed limitation of electrically-driven ride-on toys <i>The sample is not an electrically-driven ride-on toy.</i>	Not applicable
5.7	Glass and porcelain. <i>The sample does not contain glass and porcelain.</i>	Pass the test
5.8	Shape and size of certain toys. <i>The sample is not intended for children who are too young to sit up unaided.</i>	Not applicable
5.9	Toys comprising monofilament fibres. <i>The sample does not contain monofilament fibres.</i>	Not applicable

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Sub-clause	Requirement - Assessment	Test result
5.10	Small balls. <i>The sample does not contain small balls.</i>	Not applicable
5.11	Play figures. <i>The sample does not contain play figures.</i>	Not applicable
5.12	Hemispheric-shaped toys. <i>The sample is not a hemispheric-shaped toy.</i>	Not applicable
5.13	Suction cups. <i>The sample does not contain suction cups.</i>	Not applicable
5.14	Straps intended to be worn fully or partially around the neck. <i>The sample does not contain any straps intended to be worn fully or partially around the neck.</i>	Not applicable
5.15	Sledges with cords for pulling. <i>The sample does not contain sledges with cords for pulling.</i>	Not applicable
6	Packaging. <i>The sample is delivered for testing without a packaging.</i>	Not applicable
7	Warnings, markings and instructions for use	
7.1	General. <i>-Proportions and height (13.0 mm) of the CE – markings conform to EC Regulation No 765/2008.</i> <i>-Manufacturer's address and name are specified.</i> <i>The Label and instructions first page contains appropriate warnings.</i>	Pass the test
7.2	Toys not intended for children under 36 months. <i>The toy is intended for children under 36 months.</i>	Not applicable
7.3	Latex balloons	Not applicable
7.4	Aquatic toys	Not applicable
7.5	Functional toys	Not applicable
7.6	Hazardous sharp functional edges and points	Not applicable
7.7	Projectile toys	Not applicable
7.8	Imitation protective masks and helmets	Not applicable
7.9	Toy kites	Not applicable
7.10	Roller skates, inline skates and skateboards and certain other ride-on toys	Not applicable
7.11	Toys otherwise intended to be strung across a cradle, cot, or perambulator	Not applicable
7.12	Liquid-filled teethingers	Not applicable
7.13	Percussion caps specifically designed for use in toys	Not applicable
7.14	Acoustics	Not applicable
7.15	Toy bicycles	Not applicable
7.16	Toys intended to bear the mass of a child	Not applicable
7.17	Toys comprising monofilament fibres	Not applicable
7.18	Toy scooters	Not applicable
7.19	Rocking horses and similar toys	Not applicable
7.20	Magnetic/electrical experimental sets	Not applicable
7.21	Toys with electrical cables exceeding 300 mm in length	Not applicable
7.22	Toys with cords or chains intended for children of 18 months and over but under 36 months	Not applicable
7.23	Toys intended to be attached to a cradle, cot or perambulator	Not applicable
7.24	Sledges with cords for pulling	Not applicable
7.25	Flying toys	Not applicable
7.26	Improvised projectiles	Not applicable

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5.2 Flammability.

EN 71-2:2021 Safety of toys - Part 2: Flammability

Sub-clause	Requirement - Assessment	Test result
4	Requirements	
4.1	General requirements. <i>The sample does not contain flammable materials mentioned in this European Standard.</i>	Pass the test
4.2	Toys to be worn on the head. <i>The sample is not intended to be worn on the head.</i>	Not applicable
4.3	Toy disguise costumes and toys intended to be worn by a child in play. <i>The sample does not contain toy disguise costumes and toys intended to be worn by a child in play.</i>	Not applicable
4.4	Toys intended to be entered by a child. <i>The sample is not intended to be entered by a child.</i>	Not applicable
4.5	Soft-filled toys. <i>The sample is not a soft-filled toy.</i>	Not applicable

5.3 Mechanical and physical properties for activity toys.

EN 71-8:2018 Safety of toys – Part 8: Activity toys for domestic use

Sub-clause	Requirement - Assessment	Test result
4	Requirements	
4.1	General	
4.1.1	Assembly. <i>Article is assembled using self-locking mechanisms (self-taping screws).</i>	Pass the test
4.1.2	Static strength. Activity toys other than swings and paddling pools, when tested according to 6.3.2 (strength of activity toys other than swings and paddling pools), shall not collapse such that they do not continue to comply with the relevant requirements of EN 71-1. <i>Sample surface area 0.5 m² provides that at the same time it can fit 1 user. When tested according to 6.3.1 with a mass of 50 kg per user, sample does not collapse and the sample after the test comply with the relevant requirements of EN 71-1.</i>	Pass the test
4.1.3	Maximum height. When measured from the ground, there shall be no part of the activity toy where the where the child is able to climb, sit or stand above a height of 2500 mm. <i>Sample height in the montage option No1 is 570 mm. Sample height in the montage option No2 is 400 mm. Montage option No 1 is the highest. There is no part of the article where the child is able to climb, sit or stand above a height of 2500 mm.</i>	Pass the test
4.1.4	Corners and edges. Corners and exposed edges shall be rounded. Corners and exposed edges on moving parts shall have a minimum radius of 3 mm. <i>Exposed edges are rounded. The sample does not contain moving parts.</i>	Pass the test
4.1.5	Protruding parts. <i>The sample does not contain protrusions in places where the user is running or sitting.</i>	Pass the test
4.1.6	Diameter of ropes and other means of suspension. <i>The sample does not contain ropes or other means of suspension.</i>	Not applicable

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Sub-clause	Requirement - Assessment	Test result
4.1.7	Water accumulation. Except when intended for water play, all parts of activity toys should be designed so that they do not accumulate water which could produce drowning hazard. <i>The activity toy is designed so that it can't accumulate water.</i>	Pass the test
4.2	Barriers, handrails and ladders and similar means of access to activity toys. <i>The sample does not contain barriers, handrails and ladders and similar means of access.</i>	Not applicable
4.3	Entrapment	
4.3.1	Entrapment of head and neck.	
a)	Accessible completely bound openings with a lower edge more than 600 mm above ground, or above any other surface which is of such a size that it will support a child, shall be tested in accordance with 6.5.1 (head and neck entrapment in accessible completely bound openings). Probes C or E shall not pass through any opening unless it also allows the passage of the large head probe D. <i>The sample does not contain accessible completely bound openings with a lower edge of 600 mm or more above the ground.</i>	Pass the test
b)	Accessible completely bound openings, that allow the free passage of probe C, when tested according to 6.5.1, shall have no parts that converge in the downward direction at an angle of less than 60° if the lower edge is 600 mm or more above the ground (V-shaped opening). <i>The sample does not contain accessible completely bound openings that allow the free passage of probe C, when tested according to 6.5.1.</i>	Pass the test
c)	Partially bound and V-shaped openings with an entrance at 600 mm or more above the ground, or above any other surface which is of such a size that it will support a child. <i>The sample does not contain partially bound and V-shaped openings with an entrance at 600 mm or more above the ground, or above any other surface which is of such a size that it will support a child.</i>	Pass the test
d)	Non rigid members. <i>The sample does not contain non rigid members.</i>	Not applicable
e)	Openings between flexible parts of suspended bridges and any rigid side members. <i>The sample does not contain flexible parts of suspended bridges.</i>	Not applicable
f)	Swing devices with suspension ropes hanging from a crossbeam shall not create a head and neck entrapment in the area of the starting and sliding sections of slides. <i>The sample does not contain swing devices.</i>	Not applicable
4.3.2	Entrapment of clothing and hair. Slides, fireman's poles and roofs shall be constructed so that hazardous situations in which clothing or hair can be entrapped are not created. <i>The sample does not contain roofs, slides, swings and fireman's poles. The sample does not create clothing and hair entrapment hazards. The sample does not contain gaps or V-shaped openings, protrusions and spindles/rotating parts.</i>	Pass the test
4.3.3	Entrapment of feet. <i>When assembled in montage option 1, surface intended for sitting does not contain any gaps likely to cause foot or leg entrapment. There are no gaps on this platform greater than 30 mm measured in one direction. The sample assembled in montage option 2 is intended only for climbing.</i>	Pass the test

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4.3.4	<p>Entrapment of fingers</p> <p>Circular holes at a height of more than 1000 mm from the supporting surface in any rigid material that are within the reach of a child during use of the toy, when there is a risk of a finger entrapment combined with the risk of falling down, shall not allow a 7 mm diameter rod to be inserted to a depth of 10 mm or more, unless a 12 mm rod can also be inserted. <i>The sample does not contain circular holes at a height of more than 1000 mm.</i></p> <p>Holes, slots and gaps in any rigid material that are within the reach of a child during use of the toy, when the body of the child is in a forced movement shall not allow a 7 mm diameter rod to be inserted to a depth of 10 mm or more, unless a 12 mm rod can also be inserted. <i>The body of the child is not in a forced movement during use the toy.</i></p>	<p>Pass the test</p> <p>Pass the test</p>
4.4	Stability of activity toys other than slides, swings and activity toys with crossbeams, and see-saws	
4.4.1	<p>General. <i>The sample is not supplied with anchors and shall be subjected to stability tests</i></p>	
4.4.2	<p>Stability of activity toys with a free height of fall of 600 mm or less. Activity toys with a free height of fall of 600 mm or less shall not tip over when tested according to 6.2.1 (stability of activity toys with a free height of fall of 600 mm or less). <i>If assembled in accordance with montage option 1, the free height of fall of the sample is 290 mm.</i> <i>The sample surface area (0.5 m²) provides that at the same time it can fit maximum 1 user. The sample does not tip over when tested according to 6.2.1 on a 10° slope with a mass of 50 kg per user.</i> <i>If assembled in accordance with montage option 2, the free height of fall of the sample is 380 mm.</i> <i>The sample surface area (0.42 m²) provides that at the same time it can fit maximum 1 user. The sample does not tip over when tested according to 6.2.1 on a 10° slope with a mass of 50 kg per user.</i></p>	Pass the test
4.4.3	Stability of activity toys with a free height of fall of more than 600 mm. Construction of the sample does not include any surface with height of fall more than 600 mm. The free height of the fall for both modifications of the sample is less than 600 mm.	Not applicable
4.5	<p>Slides. <i>The sample does not contain slides.</i></p>	
4.6	<p>Swings. <i>The sample does not contain contains swings.</i></p>	Not applicable
4.7	<p>See-saws. <i>The sample does not contain see-saws.</i></p>	Not applicable
4.8	<p>Carousels and rocking activity toys. <i>The sample does not contain carousels or rocking activity toys.</i></p>	Not applicable
4.9	<p>Paddling pools. <i>The sample does not contain paddling pools.</i></p>	Not applicable

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Sub-clause	Requirement - Assessment	Test result
5	Warnings, markings, and instructions	
5.1	Warnings and markings. <i>In the label and in instructions first page is written information: "WARNING! For children age 1-6 years old. Max Weight 80 kg. Only for domestic use. Suitable for indoor use." The activity toy label and instructions first page contains the necessary warnings.</i>	Pass the test
5.2	Assembly and installation instructions. <i>The sample is accompanied by the montage instructions. The instructions contain all the necessary recommendations mentioned in the standard that apply to the tested product.</i>	Pass the test
5.3	Maintenance. <i>The design of the sample is relatively simple to require a separate maintenance instruction.</i>	Pass the test

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