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EN ISO/IEC 17025
T-316

Test Report
No. 10317-1/2024

Forest and Wood Products Research and Development Institute
Testing Laboratory

Customer: SIA Yappy Kids
Registration number: 40103862792
Customer address: Zemitana iela 9, Riga, LV-1012, Latvia

Manufacturer: SIA Yappy Kids
Registration number: 40103862792
Customer address: Zemitana iela 9, Riga, LV-1012, Latvia

Owner of the test report: SIA Yappy Kids
Registration number: 40103862792
Customer address: Zemitana iela 9, Riga, LV-1012, Latvia

Date of the order: 06.12.2024.

Test performed at: Forest and Wood Products Research and Development Institute SIA, Krišjāņa Barona street 40A, LV-3001, Jelgava, Latvia.

1. Order content:

Testing in accordance with Standard:

- EN 716-2:2017 "Furniture - Children's cots and folding cots for domestic use - Part 2: Test methods".

Following the requirements of Standards:

- EN 716-1:2017+AC:2019 "Furniture - Children's cots and folding cots for domestic use - Part 1: Safety requirements".

2. Information provided by customer about delivered test specimen:

- Test sample:	Wooden cot.
- Name of the sample:	YappyÉtude cot.
- Type of the material:	Beech wood.
- Sample dimensions:	L=125cm, W=67cm, H=89cm.
- Sample production date:	December, 2024.
- Sample production place:	Riga, Latvia.
- Sample manufacturer:	SIA Yappy Kids.
- Date of sampling:	06.12.2024.
- Sampling place:	Riga, Latvia.
- Sampling done by:	SIA Yappy Kids.
- Procedure of sampling:	The sample taken from the production line.
- Other information:	-.

3. Laboratory description of the specimen and test method:

- Test sample:	Childrens cot.
- Laboratory number for sample:	10317-1.
- Number of the samples:	1 (one).
- Test standard:	EN 716-2:2017.
- Test sample delivered:	18.12.2024.
- Test sample delivered by:	Courier.
- Test sample test date:	06.01.2025. – 09.01.2025. 22.01.2025.


Figure 1: Wooden cot "YappyÉtude cot".


Figure 2: Side view.

4. Description of the delivery condition of the unit:

- Test specimen delivered in cardboard packaging in normal condition.
- The test specimen after assembly has been kept in indoor ambient conditions for at least 1 week immediately prior to testing.
- Knock-down fittings are tightened before testing.
- The tests are carried out in indoor ambient conditions at a temperature between 15 °C and 25 °C.

5. Test results:

Table 1

Requirements of EN 716-1:2017+AC:2019	Test parameters according to EN 716-2:2008	Requirement fulfilled (+) Requirement not fulfilled (-)
1	2	3
4. Safety requirements, EN 716-1:2017+AC:2019		
EN 716-1:2017+AC:2019, (4.2.1) - Materials and surfaces - the manufacturer, importer, retailer shall provide verification that all accessible parts meet the relevant requirements from EN 71-3.		Not evaluated
EN 716-1:2017+AC:2019, (4.2.2) - Flammability of textiles, coated textiles and plastics coverings - when tested in accordance with EN 1103, there shall be no flash-effect.		Not applicable
EN 716-1:2017+AC:2019, (4.3) - Initial stability - the cot shall not overturn.	EN 716-2:2017, (5.2) - Stability: - the mass of weight 10 kg; - horizontal outwards force 30 N.	+
EN 716-1:2017+AC:2019, (4.4.1.1) - Edges and protruding parts - accessible during normal use shall be rounded or chamfered and free of burrs and sharp edges.		+
EN 716-1:2017+AC:2019, (4.4.1.2) - Self-tapping screws - Self-tapping screws shall not be used to fasten any component that is designed to be removed or loosened when dismantling the cot for purposes of transportation or storage.		+
EN 716-1:2017+AC:2019, (4.4.1.3) - Labels and decals - Glued labels and decals shall not be used on the internal surfaces of cot sides and ends unless they are below the level of the cot base or mattress base.		+
EN 716-1:2017+AC:2019, (4.4.1.4) - Small parts - There shall be no small parts which are considered grippable by a child and which may fit wholly into the small parts cylinder.	EN 716-2:2017, (5.5.2) - Small parts, torque test: - rotation of 180° from the original position has been attained; or - torque of 0,34 Nm is reached; - the maximum rotation or required torque shall be applied for (10 ± 2) seconds.	Not applicable
EN 716-1:2017+AC:2019, (4.4.1.5) - Castors and wheels - Castors/wheels shall not be fitted except in the following configuration, either: a) two or more castors/wheels and at least two other support points, or, b) at least four castors/wheels, of which at least two can be locked.		Not applicable
EN 716-1:2017+AC:2019, 4.4.2.1 – All other accessible holes, gaps and openings - Shall be less than 7 mm diameter, between 12 mm and 25 mm diameter, or 45 mm and 65 mm when tested in accordance with EN 716-2:2017, 5.4.1.		+

Requirements of EN 716-1:2017+AC:2019	Test parameters according to EN 716-2:2008	Requirement fulfilled (+) Requirement not fulfilled (-)
1	2	3
EN 716-1:2017+AC:2019, 4.4.2.2 - Assembly holes - There shall be no accessible holes between 7 mm diameter and 12 mm diameter, unless the depth is less than 10 mm.		+
EN 716-1:2017+AC:2019, 4.4.2.3 - Distance between cot base and sides and ends - It shall not be possible for the 25 mm cone to pass between the cot base and the sides, and between the cot base and the ends.	EN 716-2:2017, 5.4.1 - Measurements. Holes, gaps and openings inside the cot: - 25 mm cone; - force 30 N.	+
EN 716-1:2017+AC:2019, 4.4.2.4 - Openings in mesh sides and ends - When the sides or ends are of mesh, it shall not be possible for the 7 mm cone to pass through the holes of the mesh.		Not applicable
EN 716-1:2017+AC:2019, 4.4.2.5 - Distance between slats of the cot base - It shall not be possible for the 60 mm cone to pass between two adjacent slats of the cot base.	EN 716-2:2017, 5.4.1 - Measurements. Holes, gaps and openings inside the cot: - 60 mm cone; - force 30 N.	+
EN 716-1:2017+AC:2019, 4.4.2.6 - Opening in mesh of the cot base - It shall not be possible for the 85 mm cone to pass through a cot base made of mesh.	EN 716-2:2017, 5.4.1 - Measurements. Holes, gaps and openings inside the cot: - 85 mm cone; - force 90 N.	Not applicable
EN 716-1:2017+AC:2019, 4.4.3 - Head entrapment on the outside of the cot - Portion B of the template does not enter the opening.	EN 716-2:2017, 5.4.2.1 - Measurements. Holes, gaps and openings on the outside of the cot. Completely bound holes, gaps and openings: - small head probe with force 30 N; - large head probe with force 5 N.	+
EN 716-1:2017+AC:2019, 4.4.3 - Head entrapment on the outside of the cot - Portion B of the template does not enter the opening. - Portion A of the template contacts the bed base of the opening.	EN 716-2:2017, 5.4.2.2 - Measurements. Holes, gaps and openings on the outside of the cot. Partially bound, V and irregular shaped holes, gaps and openings	+
EN 716-1:2017+AC:2019, 4.4.4.1 - Shear and squeeze points when setting up and folding - Shear and squeeze points are created only when setting up or folding are permitted.		+
EN 716-1:2017+AC:2019, 4.4.4.2 - Shear and squeeze points under the influence of powered mechanisms - The distance between two accessible parts moving relative to each other shall always be greater than 18 mm or smaller than 5 mm.		Not applicable
EN 716-1:2017+AC:2019, 4.4.4.3 - Shear and squeeze points during use - There shall be no accessible shear and squeeze points which close to less than 18 mm unless they are always less than 5 mm during the last load application.	EN 716-2:2017, 5.9.1 - Vertical static load test: - 10 cycles; - vertical downward force 300 N.	+
EN 716-1:2017+AC:2019, 4.4.5 - Snag points - The mass shall not be supported by any part accessible from inside the cot.	EN 716-2:2017, 5.10 - Snag points (5.10): - ball chain lop 200 mm; - weight mass 2.5 kg; - 3 cycles at each position.	+
EN 716-1:2017+AC:2019, 4.4.6.1 - Locking system for folding cots - Folding cots that fold towards the inside shall be equipped with at least two locking systems.	EN 716-2:2017, 5.11.2 - Strength (5.11.2): - 5 cycles; - force 200 N; - maintaining of force 2 min.	Not applicable
EN 716-1:2017+AC:2019, 4.4.6.2 - All locking systems - The locking system shall fulfil its function before and after testing. - With the exception of the locks on castors/wheels, all locking systems shall: a) have a residual force of at least 50 N (tangential when relevant) for operation when	EN 716-1:2017+AC:2019, (4.6.2) All locking systems: - vertical force 50 N.	+
	EN 716-2:2017, 5.11.1 - Durability (5.11.1): - 300 close and open cycles. Locking	+

Requirements of EN 716-1:2017+AC:2019	Test parameters according to EN 716-2:2008	Requirement fulfilled (+) Requirement not fulfilled (-)
1	2	3
tested in accordance with EN 716-2:2017, 5.11; or b) require at least two consecutive actions operating on different principles, the second being dependent on the first having been carried out and maintained; or c) require at least two separate but simultaneous actions operating on different principles; or d) have two operating devices separated by a distance of at least 850 mm and required to be operated simultaneously; or e) require the cot base to be lifted to allow folding of the cot.	mechanisms.	
EN 716-1:2017+AC:2019, 4.4.7.1 - Folding mattress base and cot base - Any folding mattress base or cot base shall not fold.	EN 716-2:2017, 5.7.1 - Folding test of the mattress base and cot base: - pushing and pulling force 50 N.	Not applicable
EN 716-1:2017+AC:2019, 4.4.7.2 - Adjustable cot base - If the cot base is adjustable, adjustment from a higher position to a lower position shall require the use of a tool or operation of a locking system.		+
EN 716-1:2017+AC:2019, 4.4.7.3 - Strength of the cot base - No element of the cot base shall break, nor shall the cot base become dislodged and the function of the cot shall not be impaired.	EN 716-2:2017, 5.7.2 - Strength of cot base and mattress base (impact test): - 1000 cycles; - drop height 150 mm; - mass of bottom impactor 10 kg; - impact test was done in five points accordingly with scheme of impact points	+
EN 716-1:2017+AC:2019, 4.4.8.1 - Movable sides - The locking system shall engage automatically when the movable side is in the open and closed position.		+
EN 716-1:2017+AC:2019, 4.4.8.2 - Distance between footholds and top of cot sides and ends - Under load, the distance between the upper side of the cot base/mattress base and the upper edge of the cot side and end shall be at least 600 mm.	EN 716-2:2017, 5.9.1 - Strength of frame and fastenings. Vertical static load test: - 10 cycles; - vertical downward force 300 N.	+
EN 716-1:2017+AC:2019, 4.4.8.2 - Distance between footholds and top of cot sides and ends - There shall be a distance of at least 600 mm between the top of any foothold and the top of the cot side and end.	EN 716-2:2017, 5.3.3 – Measurements of distance between footholds and/or top of cot sides and ends	+
EN 716-1:2017+AC:2019, 4.4.8.3 - Strength of side and end components - The slats or sides and ends and corners shall neither break nor become detached. The function of the cot shall not be impaired.	EN 716-2:2017, 5.8.1 - Strength of side and ends. Static load test of slats (bending test): - horizontal force 250 N; - maintaining of force (30 ± 2) seconds.	+
EN 716-1:2017+AC:2019, 4.4.8.3 - Strength of side and end components - The slats or sides and ends and corners shall neither break nor become detached. The function of the cot shall not be impaired.	EN 716-2:2017, 5.8.2 - Strength of sides or side slats (impact test): - 10 cycles; - mass of impactor 2 kg.	+
EN 716-1:2017+AC:2019, 4.4.8.3 - Strength of side and end components - The slats or sides and ends and corners shall neither break nor become detached. The function of the cot shall not be impaired.	EN 716-2:2017, 5.8.3 - Strength of corners (impact test): - five impacts from inside the cot; - five impacts from outside the cot; - mass of impactor 2 kg.	+
EN 716-1:2017+AC:2019, 4.4.8.3 - Strength of side and end components - The threads of the mesh and other flexible materials, e.g. fabrics, plastics shall not break	EN 716-2:2017, 5.8.4 - Strength of mesh and flexible sides and ends (static load test): - 3 cycles;	Not applicable

Requirements of EN 716-1:2017+AC:2019	Test parameters according to EN 716-2:2008	Requirement fulfilled (+) Requirement not fulfilled (-)
1	2	3
and the function of the cot shall not be impaired.	- horizontal force 250 N; - maintaining of force (30 ± 2) seconds.	
EN 716-1:2017+AC:2019, 4.4.8.4 - Strength of frame and fastenings - There shall be no breakage. The function of the cot shall not be impaired.	EN 716-2:2017, 5.9.1 – Vertical static load test: - force 300 N; - cycles 10.	+
	EN 716-2:2017, 5.9.2 – Durability test: - 20 kg; - force 100 N; - cycles 2000.	+
EN 716-1:2017+AC:2019, 4.4.9 - Cot rim - No filling shall be removed from the cot rim.	EN 716-2:2017, 5.6 - Bite test: - force of bite 50 N; - tension force 50 N; - maintaining of force (10 ± 2) seconds.	Not applicable
EN 716-1:2017+AC:2019, 4.5 - Final stability - The cot shall not overturn.	EN 716-2:2017, 5.12 - Stability: - the mass of weight 10 kg; - horizontal outwards force 30 N.	+
EN 716-1:2017+AC:2019, 4.6 - Mattress size - If a mattress is supplied with the cot, there shall be no gap more than 30 mm between the mattress and the sides end ends in any position of the mattress (see Clause 6 l).		Not applicable
EN 716-1:2017+AC:2019, 5 - Packaging - Any plastic covering used as packaging for cots, folding cots or mattresses, if applicable, that does not fulfil the requirements of EN 71-1, shall be conspicuously marked with the following information or its equivalent: **"To avoid danger of suffocation keep this plastic bag away from babies and children".**		+
EN 716-1:2017+AC:2019, 6 - Instruction for use - Instructions shall be provided in the official language(s) of the country where the cot is sold. These instructions shall be headed **"IMPORTANT, RETAIN FOR FUTURE REFERENCE: READ CAREFULLY"** in letters not less than 5 mm high. **Warnings** The word WARNING can be given at the top of a list of warnings. The instructions for use shall include the following warnings: a) Warning: Be aware of the risk of open fire and other sources of strong heat, such as electric bar fires, gas fires, etc. in the near vicinity of the cot; b) Warning: Do not use the cot if any part is broken, torn or missing and use only spare parts approved by the manufacturer; c) Warning: Do not leave anything in the cot or place the cot close to another product, which could provide a foothold or present a danger of suffocation or strangulation, e.g. strings, blind/curtain cords; d) Warning: Do not use more than one mattress in the cot. The instructions for use shall include the following statements: e) Statement that a cot is ready for use, only when the locking mechanisms are engaged and to check carefully that they are fully engaged before using the folding cot; f) If the height of the cot base is adjustable, a statement that the lowest position is the safest and that the base should always be used in that position as soon as the baby is old enough to sit up; g) When movable sides are provided, a statement that "if you leave the child unattended in the cot, always make sure that the movable side is closed"; h) Where detachable support rails are provided to support the cot base above its lowest position, a statement that it is essential to remove these rails before the cot is used in its lowest position; i) Assembly drawing, a list and description of all parts and tools required for assembly and a diagram of the bolts and other fastenings required; j) Thickness of the mattress shall be such that the internal height (surface of the mattress to the upper edge of the cot frame) is at least 500 mm in the lowest position of the cot base and at least 200 mm in the highest position of the cot base. This information is not applicable to and shall not appear for folding cots in which the mattress is an integral part of the product through a mattress base; k) Where the requirement in 6 j) is fulfilled by a mark on the cot, a statement that the mark indicates the maximum thickness of the mattress to be used with the cot. This information is		a)+ b)+ c)+ d)+ e)+ f)+ g)+ h)Not applicable i)+ j)+ k)+ l)+ m)+ n)+ o)+ p) Not applicable

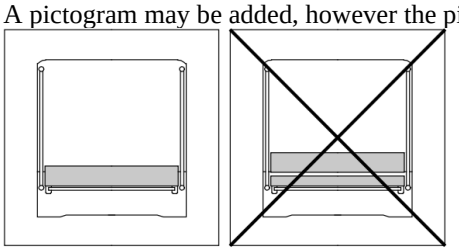
Requirements of EN 716-1:2017+AC:2019	Test parameters according to EN 716-2:2008	Requirement fulfilled (+) Requirement not fulfilled (-)
1	2	3
not applicable to and shall not appear for folding cots in which the mattress is an integral part of the product through a mattress base; l) The minimum size of the mattress to be used with the cot. The dimension shall take into account that there shall be no gap more than 30 mm between the mattress and the sides end ends in any position of the mattress. This information is not applicable to and shall not appear for folding cots in which the mattress is an integral part of the product through a mattress base; m) Statement that all assembly fittings should always be tightened properly and that fittings should be checked regularly and retightened as necessary; n) Instructions for washing/cleaning, when applicable; o) Statement to prevent injury from falls that when the child is able to climb out of the cot, the cot shall no longer be used for that child; p) The following warnings shall appear on the instruction for use of folding cots which the mattress is an integral part of the product through a mattress base. “WARNING — Only use the mattress sold with this cot, do not add a second mattress on this one, suffocation hazards” A pictogram may be added, however the pictogram won't replace the warning.  **Figure 1 — Example of pictogram**		
EN 716-1:2017+AC:2019, 7 - Marking - All cots for which a claim of conformity to this standard is made shall be permanently marked with the following information: a) if the mattress is an integral part of the folding cot (example: mattress base): 1) the following warning shall appear on the mattress with letters with a height of 3 mm or more: “WARNING — This is a mattress, do not add a second mattress, suffocation hazards”; 2) name, registered trade name or registered trade mark of either the manufacturer or distributor or retailer together with additional means of identifying the product; 3) reference to this EN (EN 716-1); b) if the mattress is not an integral part of the cot: 1) name, registered trade name or registered trade mark of either the manufacturer or distributor or retailer together with additional means of identifying the product; 2) reference to this EN (EN 716-1); 3) the maximum thickness of the mattress to be used; this can be in the form of text, a distinct mark on the cot at the correct height, e.g. a line, or by other means.	a) Not applicable b) + (the maximum thickness of the mattress to be used is included in the form of text in the instruction of use)

Figure 4: Stability:
- the mass of weight 10 kg;
- horizontal outwards force 30 N.

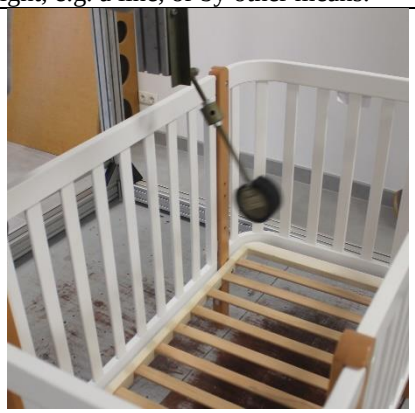


Figure 5: Strength of sides or side slats (impact test):
- 10 cycles;
- mass of impactor 2 kg.

Figure 6: Strength of cot base and mattress base (impact test):
- 1000 cycles;
- drop height 150 mm;
- mass of bottom impactor 10 kg.

6. Testing laboratory comments summary

Wooden cot "YappyÉtude cot" fulfills safety requirements, and stability, strength, and durability requirements according to EN 716-1:2017+AC:2019 "Furniture - Children's cots and folding cots for domestic use - Part 1: Safety requirements". Detailed results are reflected in Table 1.

Date of issue: 23.01.2025.

Reviewed by

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THIS DOCUMENT IS SIGNED BY SECURE ELECTRONIC SIGNATURE AND CONTAINS A TIME STAMP
(Signature validity can be checked: https://www.eparaksts.lv/en)