

Testing and Calibration LaboratoryTesting laboratory accredited by
Polish Accreditation Centre, thy signatory to an agreement EA MLA and ILAC MRA
concerning the mutua recognition of the results.
Accreditation number AP 024**TEST REPORT**

No: B/2019/218 of: 23.08.2019

Subject	Testing the safety of stands for bath tubs	
	for compliance with selected requirements of the PN-EN 17072:2019-03	
Tests carried out for:	P.P.U.H. KORANDO Konrad Najgebauer	
	ul. Olsztyńska 127	
	42-256 Biskupice	
Tested at:	Institutions for Reaserch and Certification „ZETOM” Ltd	
	Testing and Calibration Laboratory	
	Ul. Ks. Bpa H. Bednorza 17	
	40-384 Katowice, Poland	
Client order ref.	order	of: 31.07.2019
Order registered at the laboratory with number:	B/2019/235	
Testing started on:	08.08.2019	Testing ended on: 21.08.2019
The report comprises:	Pages: 13	
3 copies were issued to:		
	1. P.P.U.H. KORANDO / original	
	2. P.P.U.H. KORANDO / copy	
	3. LT/ copy	
Testing supervised by:	inż. Tomasz Gruszczyński	
Research an measurements executed:	mgr inż. Jacek Przydryga	
Report prepared by:	mgr inż. Jacek Przydryga	
Authorized:	Confirmed:	

PRACOWNIA
Mechanika
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DS. BADAŃ I WZORCOWAN
mgr Tomasz Woźniak

**Institution for Research and Certification „ZETOM”
named after. Prof. F. Stauba in Katowice sp. z o.o.
Institutions for Research and Certification “ZETOM” Ltd.
Notified Body in the European Union No 1436,
In the scope of low voltage, machinery and construction**

Ks. Bpa H. Bednorza 17; 40-384 Katowice

phone: 0048(032) 2569-257, 0048(032) 2569-273, 0048(032) 2569-353

ARRANGEMENTS

A. Obligatory:

1. Testing report is a property of a client for whom the research was done.
2. Testing report and information which it includes can be used with the report owner's consent only.
3. research report can be used as a whole only.
4. all testing and measure results, listed in the report, refer only to the tested objects and aren't synonymous with object's quality approval.
5. The work was done according to the its quality plan and to quality system requirements in accordance with Quality Manual of Testing and Calibration Laboratory.
6. Once referring to the objective report a following (or equivalent) sentence must occur (be applied):

B. Additionally (listed in the report content) paragraph

C. Special cases (listed in the report content) paragraph

Reports owner, using its content is obligated to quote information, that he use results obtained by Testing and Calibration Laboratory of Institutions for Research and Certification „ZETOM” Ltd.

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1. BASIC RESEARCH

1.1. The name of document of order: order document

1.2. Identification of document of order: mail of 2019.07.31

1.3. Concerning: Performance of safety tests

2. THE PURPOSE OF RESEARCH Determining the compliance of baby bath tub stands with the requirements of the PN-EN 17072:2019-03 "Child care articles - Bath tubs, stands and non-standalone bathing aids - Safety requirements and test methods"

3. TEST ITEM

3.1 The name of object:

Stand for the bath tub 100, height. 880mm (white)

Stand for a small bath tub 80, height. 865mm (white)

Universal stand for large and small bath tubs, height 925 mm (white)

Description of the test object:

Stands made of steel profiles, varnished (white), foldable. Profiles and folding mechanisms connected with rivets. In stands of types 80 and 100, the folding lock rod is fastened with a self-locking nut. The ends of the legs of all stands are made in the form of plastic caps.

Type of stand	The main construction material	Other materials (folding mechanism)
Stand 100	Steel pipes $\varnothing$ 18 x 1,3 mm	Steel flat bar, thickness 3 mm Rods $\varnothing$ 5 mm and $\varnothing$ 6 mm
Stand 80	steel pipes $\varnothing$ 18 x 1,3 mm	Steel flat bar, thickness 3 mm Rods $\varnothing$ 6 mm
Universal Stnad	Steel pipes $\varnothing$ 22 x 1,3 mm	Steel flat bar, thickness 3 mm

For tests, the client provided 2 types of plastic bath tubes

Bath tubs 80 - length 830 mm / 3 pcs

Bath tubs 100 - length 990 mm / 5 pcs

3.2. Customer: P.P.U.H. KORANDO Konrad Najgebauer
ul. Olsztyńska 127
42-256 Biskupice

3.3. Provider/Producer: as above

3.4. Place of production: as above

3.5. The way of the reasearch object delivery: by the client

3.6. Objects collected from: -

3.7. Receive Protocol: -

3.8. Date of object receipt for research: 11.07.2019

3.9. Extra marking through receiver: -

3.10. The packing of object: cardboard boxes, plastic bags

3.11. The marking of object in laboratory: B/2019/235/1÷ B/2019/235/3

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4. RESEARCH PROGRAM.

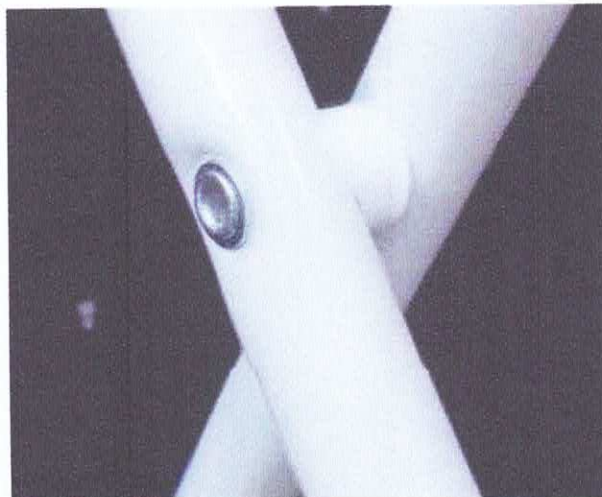
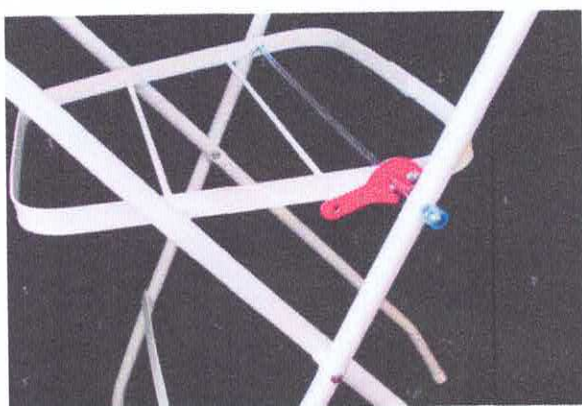
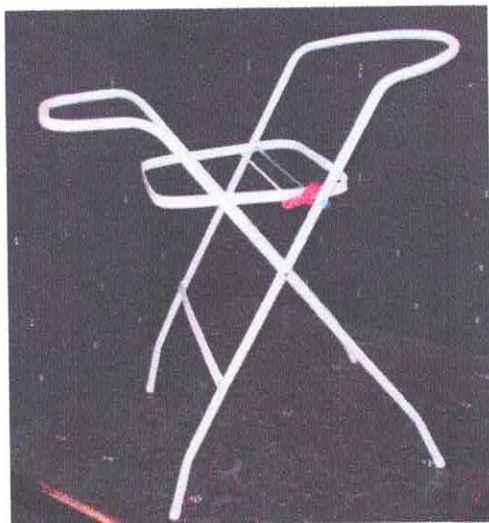
The research program was agreed with the client and includes tests on the safety parameters of stands according to the PN-EN 17071:2019-03 standard, using the supplied bath tubs.
The following configurations were tested:

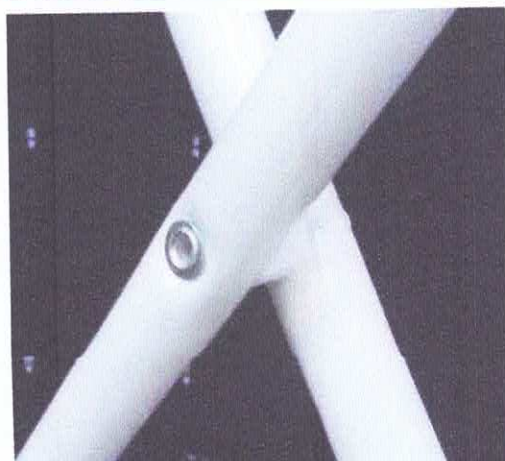
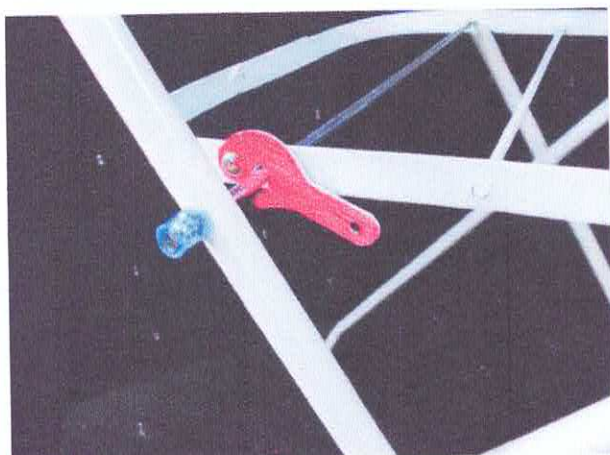
- 1) Stand 100 with bath tub 100
- 2) Stand 80 with bath tub 80
- 3) Universal stand + bath tub 100
- 4) Universal stand + bath tub 80

5. TEST EQUIPMENT

No	Name	ID
1	Flat angle	0020061
2	Digital protractor	0810015
3	Linear ruler 500 mm	0110078
4	Linear ruler 300 mm	0110079
5	Caliper	0120017
6	Micrometer	0130006
7	Measuring tape	0110080
8	Force gauge - technological device	1001077
9	Thermohygrometer 1	9200012
10	Thermohygrometer 2	9200013
11	Digital level	0840008
12	Digital timer	4500001
13	Test mass: A 9 kg; C 9 kg	6000001
14	Probes: fi 5 mm; fi 7mm; 7mm conical; fi 12mm; 25mm, conical; 45mm, conical; small and large head probes ; iliac probe, V-probe	6000002
15	Small parts cylinder	6000006
16	Conical probe 12 mm	6000018
17	Test bar, width 88 mm, length 1100 mm, weight 1.75 kg	6-

Test objects – Stand type 80 with small bath tub



Test objects – Stand type 100 with large bath tub

Test objects – Universal stand



Test objects – marking of stands



Marking of all stands



Marking of the type 80 stand

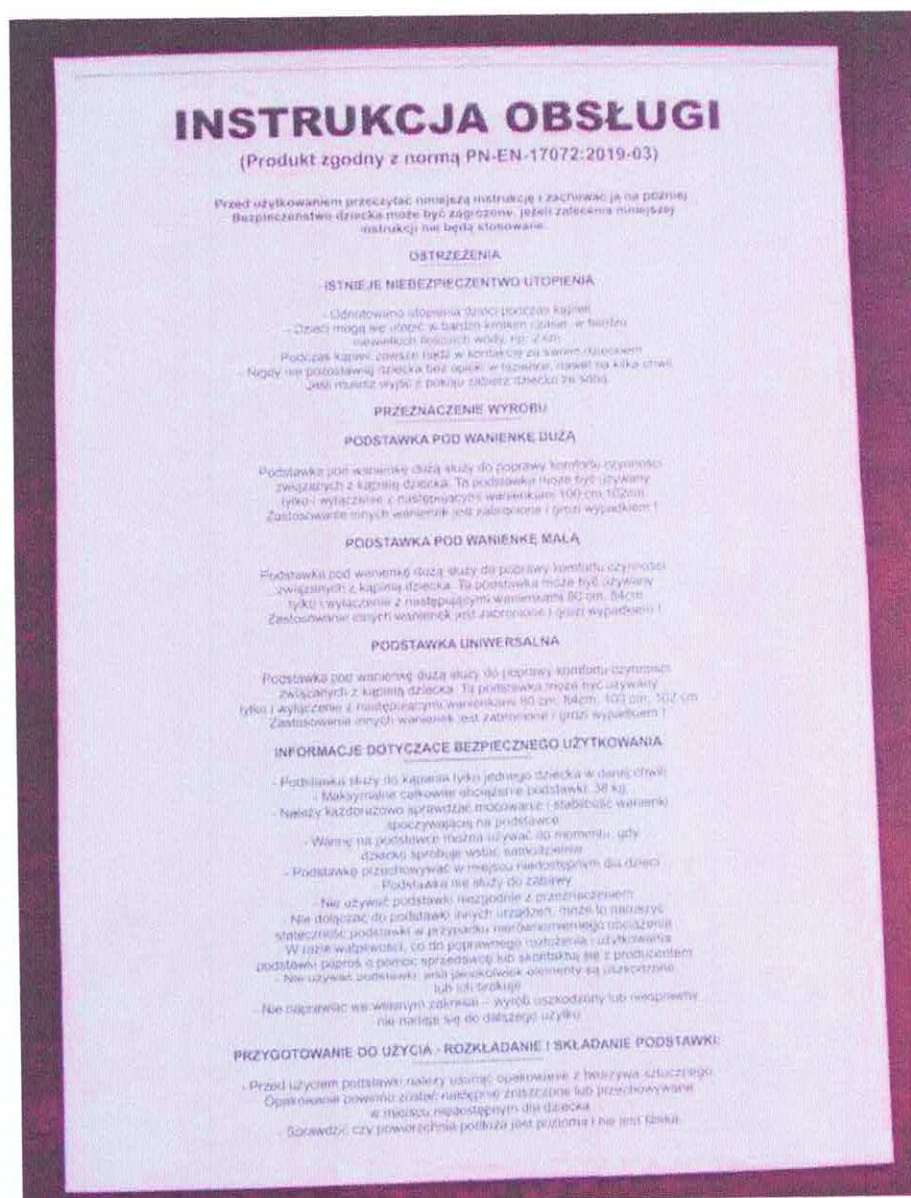


Marking of the type 100 stand



Marking of the universal stand

Test objects – Instruction of use



Instruction for use with description for all types of stand

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6. TEST DESCRIPTION AND RESULTS.

The table below shows the test results in the order specified in the PN-EN 17072:2019-03 standard. Where specified by the standard, the required sequence of tests has been maintained. During the tests, the principle of the most unfavorable conditions was applied.

Possible test results and their signs:

N / A (Not applicable)

P (Pass) - the subject of the test meets the requirements

F (Fail) - the subject of the test does not meet the requirements

N/T (not tested) - not tested / not included in the scope of testing

Clouse of standard	Test content	Object	Test result	Rating
5.1	Product conditioning (Temperature 23°C 50% relative humidity)	Stand 100 + bath tub 100	There was no visible effect of conditioning on the tested objects	P
		Stand 80 + bath tub 80	As above	P
		Universal stand + bath tub 80	As above	P
		Universal stand + bath tub100	As above	P
7.2.1	Entrapment of fingers	Stand 100 + bath tub 100	There're no dangerous accessible completely bounded openings with the risk of entrapment of fingers	P
		Stand 80 + bath tub 80	As above	P
		Universal stand + bath tub 80	As above	P
		Universal stand + bath tub100	As above	P
7.2.2	Entrapment of head	Stand 100 + bath tub 100	There was no risk of head entrapment	P
		Stand 80 + bath tub 80	As above	P
		Universal stand + bath tub 80	As above	P
		Universal stand + bath tub100	As above	P

7.3.1	Hazard due to moving parts Requirements for compression points	Stand 100 + bath tub 100	No compression hazards from moving parts have been identified	P
		Stand 80 + bath tub 80	As above	P
		Universal stand + bath tub 80	As above	P
		Universal stand + bath tub100	As above	P
7.3.2	Hazard due to moving parts Requirements for shear points	Stand 100 + bath tub 100	No shear hazards from moving parts have been identified	P
		Stand 80 + bath tub 80	As above	P
		Universal stand + bath tub 80	As above	P
		Universal stand + bath tub100	As above	P
7.5	Choking and ingestion hazard	Stand 100	There were no potentially hazardous elements that should be tested	P
		Stand 80	As above	P
		Universal stand	As above	P
7.6	Suffocation hazards – Plactic packaging	Stand 100	Packaging meets the requirements: Circumference: 1120 mm Length: 1300 mm Film thickness: 0.036 mm (0.038 mm required) Perforation: yes	p
		Stand 80	Packaging meets the requirements: Circumference: 1120 mm Length: 1300 mm Film thickness: 0.036 mm Perforation: yes	P
		Universal stand	Packaging meets the requirements: Circumference: 460 mm Length: 2750 mm Film thickness: 0.032 mm Perforation: yes	P
7.7	Hazardous edges, corners and protruding parts	Stand 100	No dangerous edges, corners or protruding parts were found during the test	P
		Stand 80	As above	P
		Universal	As above	P

		stand		
7.8.4	Static strength of stands	Stand 100 + bath tub 100	During the test, the stand with the loaded bath tub was not damaged, overturned or folded	P
		Stand 80 + bath tub 80	As above	P
		Universal stand + bath tub 80	As above	P
		Universal stand + bath tub 100	As above	P
7.9.4.2	Stands. Requirements. Unintentional release of locking mechanism(s)	Stand 100	The stand meets condition C) - at least one operating device requires at least two consecutive actions, the first of which shall be maintained while the second is carried out.	P
		Stand 80	As above	P
		Universal stand	As above	P
7.9.4.3	Stands. Requirements. Strength test of locking and folding system of stands	Stand 100 + bath tub 100	There was no deterioration or loss of function after the examinations	P
		Stand 80 + bath tub 80	As above	P
		Universal stand + bath tub 80	As above	P
		Universal stand + bath tub 100	As above	P
7.12.2.2	Hazard due to inadequate stability. Test method for stands	Stand 100 + bath tub 100	Stability was maintained for all load variants	P
		Stand 80 + bath tub 80	As above	P
		Universal stand + bath tub 80	As above	P
		Universal stand + bath tub 100	As above	P
8.2.1	Marking of the product. Requirements	Stand 100	Marking on the product: 1) manufacturer's name 2) model name 3) standard number 4) pictograms	P
		Stand 80	As above	P

		Universal stand	As above	P
8.2.2	Durability of marking	Stand 100	After the test, the marking retains adhesion and legibility	P
		Stand 80	As above	P
		Universal stand	As above	P
8.3	Purchase information	Stand 100	Purchase information intended for points of sale includes: 1) Name, trademark of the manufacturer 2) Product designation - model, name or other identification 3) Number and date of the standard (PN-EN 17072:2019:03) 4) Bath tubs compatibility information	P
		Stand 80	As above	P
		Universal stand	As above	P
8.4	Instruction for use	Stand 100	The instructions contain all the necessary information and warnings required by the standard	P
		Stand 80	As above	P
		Universal stand	As above	P

7. SUMMARY / CONCLUSIONS

On the basis of the tests of the delivered objects, it is stated that the stands for the bath tubs:

- Small bath stand, type 80
- Large bath stand, type 100
- Stand, type Universal

meets the requirements of the PN-EN-17072:2019-03 standard "Children's articles - Bath tubs, stands and non-standalone bathing aids - Safety requirements and test methods", in the tested scope.

END OF REPORT



Zakłady Badań i Atestacji „ZETOM”

im. Prof. F. Stauba w Katowicach sp. z o.o.

Institutions for Research and Certification „ZETOM” Ltd.

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TESTING AND CALIBRATION LABORATORY

OPINION No 7/2023

CONCERNS: THE COMPLIANCE OF THE PRODUCT WITH REQUIREMENTS OF STANDARD PN-EN 17072:2019-03 (EN 17072:2018, IDT)

Object name: Stands for bath tubs, type:
•80
•100
•Universal

Name and address of the manufacturer: P.P.U.H. KORANDO Konrad Najgebauer
ul. Olsztyńska 127
42-256 Biskupice

Tested by: Institutions for Research and Certification „ZETOM” Ltd.
Testing And Calibration Laboratory
ul. Ks. Bpa H. Bednorza 17 40-384 Katowice

Date of tests: 08.08.2019 ÷ 21.08.2019

Based on the results of the tests contained in the Test Report No B/2019/218 of: 23.08.2019 it is stated, that

STANDS FOR BATH TUBS, TYPE: 80, 100 AND UNIVERSAL
meets the requirements of the PN-EN-17072:2019-03 standard "Child care articles - Bath tubs, stands and non-standalone bathing aids - Safety requirements and test methods", in the tested scope.

This opinion and the test results presented in the test report no. B/2019/218 remain valid until a new edition of the standard is issued or, if the customer introduces changes to the above-mentioned products

PRACOWNIA
Mechaniczna
mgr inż. Jacek Przybyła

Authorized



DYREKTOR
DS. BADAŃ I WZORCOWAŃ
mgr inż. Marcin Szota

Confirmed

Katowice, 27th of July, 2023