

# TEST REPORT FOR: Availcare Pty Ltd Liberty fold-up shower seat

# **TEST DOCUMENTS:**

AS 1428.1:2009 Design for access and mobility, Clause 15.5.9 (Folding seats – Showers)

LABORATORY REFERENCE **492965** 

9<sup>th</sup> August 2018







#### **TEST REPORT**

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Job no: 492956

#### **PRODUCT**

Name & Model No.

Availcare Pty Ltd Liberty fold-up shower seat

Serial no of test sample

No serial number

Safe Working Load

112 kg

**Documents used in testing** 

AS 1428.1:2009, Clause 15.5.9, Folding seat

#### **SUPPLIER**

Name

Availcare Pty. Ltd.

**Address** 

Beaconsfield Parade St Kilda West Vic 3182

Telephone Email

0400 095 077 dave@availcare.com.au



Name

Not supplied

Address

Not supplied

# **TESTING AUTHORITY**

NOVITA CHILDREN'S SERVICES, NOVITATECH TEST LABORATORY

#### **Address**

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## **Testing Supervisor**

Wayne Wurfel

Senior Test Technician

Authorised signatory

# Checked

Andrew Rose

Team leader

Dates of testing period

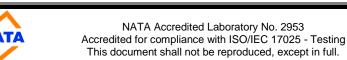
July, August 2018

Date of issue of this report

9<sup>th</sup> August 2018









## AS 1428.1 - 2009 Part 15 Sanitary Facilities (Clause 15.5.9) - FOLDING SEAT

Test/Requirement	Result	Specification according to AS1428.1-2009	Reference in clause of AS1428.1-2009
Construction			
Self draining	PASS	Shall be self draining 15.5.9(a)	
Slip resistance	PASS	Shall be slip resistant	15.5.9(b)
Corners	PASS	Corners round or radius 10 to 15mm	15.5.9(c)
Edges	PASS	Top edges rounded to 2~3mm minimum	15.5.9(d)
Folding	PASS	Shall fold in an upwards direction	15.5.9(e)
Drainage	NA (No slats)	Width of gap between slats 4 to 6mm 15.5.9	
Strength			15.5.9
1100 N	PASS (1100 N)	Able to withstand a force of 1100N applied at any position or direction without failing or deformation	15.5.9

#### Remarks:

The shower seat was mounted to a timber bearer using the supplied fastenings. A force of 1100 N was applied to the outer extremity of the seat face in a downwards direction without failure.

Further loads of 1100 N were applied to the seat edges in lateral directions (As required to meet Clause 15.5.9, all directions)

Additional testing was also performed at 1471 N, representing a user weight of 150 kg. There was no failure of the seat at this load.

When making the final evaluation of Pass/Fail based on Clause 15.5.9 requirements, this laboratory makes the following determination:

- Deformation of the shower seat under load is considered acceptable.
- There was no permanent deformation of the shower post-test.
- There was no loosening or rotation of the fastenings or fixings during or post-test

Consideration must be given to the strength and integrity of the wall structure that the shower seat is attached to and the fasteners used for attachment when assessing the true load performance of the seat in actual mounted situations. The manufacturers recommended mounting instructions must be followed when installing this product.

WW. End of remarks-----







Gauge	Gauge	Gauge	Gauge	
Number	Туре	Number	Туре	
TLE004	Standard finger Probe	TLE141	Tape Measure, 5 Metre	
TLE009	Cold Climate Chamber	TLE144	Stop Watch	
TLE010	Test Rig ( Static Load Drop)	TLE148	Protractor, Vernier	
TLE011	2 Drum Durability Rig	TLE151	Accelerometer	
TLE012	Stability Ramp - Static	TLE167	Test Masses, 25kg	
TLE016	Square, Steel - Large	TLE175	2 Drum Durability rig	
TLE018	Rule, Steel – 1,000 mm	TLE176	Test Dummy	
TLE019	Reference Load Gauge	TLE179	Test Rig Prosthetics, Foot	
TLE024	Stability Ramp, Dynamic	TLE182	Multimeter	
TLE028	Spring Balance 0-100g	TLE183	Impact Pendulum	
TLE029	Spring Balance 0– 5kg	TLE184	Test Dummy	
TLE030	Spring Balance 0-20kg	TLE185	Inclinometer	
TLE032	Thermometer	TLE186	Inclinometer, small	
TLE049	Torque Wrench	TLE196	Test Rig Prosthetics, Knee	
TLE067	Tyre Pressure Gauge	TLE201	Load Cell	
TLE068	Impact Mass, 25 kg Soccer	TLE203	Impactor	
TLE077	Force Gauge, RLG	TLE204	Pendulum Impact Hammer	
TLE084	Rule, Steel – 300mm	TLE205	Tape Measure, 8 Metre	
TLE087	Test Obstacles	TLE210	Test Obstacle, Threshold	
TLE105	Thermohygrograph	TLE211	Prosthetic Set up Gauge	
TLE106	Scales, Digital	TLE212	Test Rig, Proof Test	
TLE112	Vernier Caliper, 200mm	TLE216	Load Pad, Seat Base	
TLE114	Spring Balance, 50kg	TLE218	Square, Steel - Small	
TLE131	Test Dummy	TLE220	DC Wattmeter	
TLE132	Test Dummy	TLE221	Temp/Humidity Meter	
TLE133	Test Dummy	TLE225	Caliper, Digital 200mm	

## NOTES:

- Uncertainty of measurement (U<sub>m</sub>) has been calculated for linear, angle, force, mass, temperature, cycles and count measurements and meet the referenced standards' specifications.
- 2. Kgf to N conversion calculations take into account any difference in standard gravity  $(g_n)$  to local measurement (g) obtained from the world geodetic system.
- 3. All testing was carried out in a controlled environment laboratory using methods set out in the Standards documents, all deviations and additions to the Standards' methods are noted in remarks.
- 4. All instruments either carried valid calibration certificates throughout the test period or were checked against traceable Standards before and after use.
- 5. The NovitaTech Test Laboratory has no control over the selection of test samples. Any extension of the findings of this report to cover production items must be based on production being truly represented by the sample(s).
- 6. Any non-conformances are indicated in red.



