

Date received: 12/02/19

Date of issue: 11/04/19

Report consists of 9 test reports.

Defects before testing: None

Sample name: TRILL Stool mini

NARDI S.P.A.
VIA DELLE STANGA' 14
36072 CHIAMPO (VI)
ITALIA

SAMPLE N° 266373

Overall dimensions: 480 x 510 x 860 (h) mm

List performed tests:

1. Outdoor furniture - General safety requirements EN 581-1:2017
2. Information for use EN 581-2:2015, clause 8
3. Seat and back static load test EN 1728:2012+AC:2013
4. Seat and back fatigue test EN 1728:2012+AC:2013
5. Leg forward static load test EN 1728:2012+AC:2013
6. Leg sideways static load test EN 1728:2012+AC:2013
7. Seat impact test EN 1728:2012+AC:2013
8. Foot rest static load test EN 1728:2012+AC:2013
9. Stability - EN 1022:2005



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Managing Director
Dr. Andrea Giavon

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SAMPLE N° 266373

Date of issue: 11/04/19
Sample weight: Not determined
Sample name: TRILL Stool mini



Side view



Rear view



Bottom view

TEST REPORT

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Date received: 12/02/19

Date of test: 20/02/19

Date of issue: 11/04/19

Sample name: TRILL Stool mini



NARDI S.P.A.
VIA DELLE STANGA' 14
36072 CHIAMPO (VI)
ITALIA

Outdoor furniture - General safety requirements EN 581-1:2017

5.1 General:

Requirement	Observed	Remarks
Edges of seat, back rest and arm rests rounded and chamfered	Yes	None
All other parts: free from burrs, sharp edges and sharp points.	Yes	None
Movable and adjustable parts designed so that injuries and inadvertent operation are avoided	Not present	None
Any load bearing part of furniture not come loose unintentionally	Yes	None
Lubricated parts are protected	Not present	None

5.2 Tubular components:

Requirement	Observed	Remarks
Absence of tubular components with diameter > 7 mm and < 12 mm with a depth > 10 mm.	Yes	None
Tubulars in contact with the floor are closed. Holes in them are allowed as long as they are < 7 mm or > 12 mm	Yes	None

5.3 Shear and squeeze points:

Requirement	Observed	Remarks
Shear and squeeze points that are created only during adjusting and folding away are acceptable if the user has the control of his/her movements.	Not present	None
Absence of shear and squeeze points, created by parts operated by powered mechanism.	Not present	None
Absence of shear and squeeze points, created by loads applied during normal use.	Yes	None

Conformity to requirements of clause 5 of standard EN 581-1:2017: **YES**

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TEST REPORT

266373 / 2

Date received: 12/02/19

Date of test: 21/02/19

Date of issue: 11/04/19

Sample name: TRILL Stool mini



NARDI S.P.A.
VIA DELLE STANGA' 14
36072 CHIAMPO (VI)
ITALIA

Information for use EN 581-2:2015, clause 8

Information for use EN 581-2:2015, clause 8

General, clause 7.1

Statement checked	Remarks
Shall be provided in the language of the country where the chairs are sold.	Italian language
Shall be headed "IMPORTANT, RETAIN FOR FUTURE REFERENCE: READ CAREFULLY" in letters no less than 5 mm high.	Present

This instructions shall include at least the following:

Statement checked	Remarks
a) Name and address of the producer (manufacturer or supplier).	Present
b) Conditions for use of the product (camping, domestic or contract)	Present
c) Assembly instructions	Not applicable
d) Instructions for the care and maintenance.	Present
e) If the seating is fitted with seat height adjustments with energy accumulators, an additional note is required pointing out that only trained personnel may replace or repair seat height adjustment components with energy accumulators.	Not applicable

Marking for mobile loungers, clause 8.2

Statement checked	Remarks
All mobile loungers not intended to be lifted and moved under load shall be marked with a pictogram.	Not applicable

Conformity to clause 8 of standard of EN 581-2:2015:

YES

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TEST REPORT

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Date received: 12/02/19

Date of test: 21/02/19

Date of issue: 11/04/19

Sample name: TRILL Stool mini



NARDI S.P.A.
VIA DELLE STANGA' 14
36072 CHIAMPO (VI)
ITALIA

Seat and back static load test EN 1728:2012+AC:2013

Test performed according to EN 581-2:2015

Seat and back static load test, clause 6.4, EN 1728:2012+AC:2013

Test results:

Seat load N	Back force N	Number of cycles	Remarks
2.000	560	10 x 10 s	No defects
2.000	560	1 x 30 min	No defects

Seat front edge static load, clause 6.5, EN 1728:2012+AC:2013

Seat load N	Number of cycles	Remarks
1.300	10	No defects

Note:

The test results comply with the requirements in clause 7.2.2 of EN 581-2:2015, contract level.

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Managing Director
Dr. Andrea Glavon

TEST REPORT

266373 / 4

Date received: 12/02/19

Date of test: 21/02/19

Date of issue: 11/04/19

Sample name: TRILL Stool mini



NARDI S.P.A.
VIA DELLE STANGA' 14
36072 CHIAMPO (VI)
ITALIA

Seat and back fatigue test EN 1728:2012+AC:2013

Test performed according to EN 581-2:2015

Seat and back fatigue test, clause 6.17, EN 1728:2012+AC:2013

Test results:

Seat force N	Back force N	Number of cycles	Remarks
1.000	333	50.000	No defects

Note:

The test results comply with the requirements in clause 7.2.2 of EN 581-2:2015, contract level.

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TEST REPORT

266373 / 5

Date received: 12/02/19

Date of test: 12/03/19

Date of issue: 11/04/19

Sample name: TRILL Stool mini



NARDI S.P.A.
VIA DELLE STANGA' 14
36072 CHIAMPO (VI)
ITALIA

Leg forward static load test EN 1728:2012+AC:2013

Test performed according to EN 581-2:2015

Leg forward static load test clause 6.15, EN 1728:2012+AC:2013

Test results:

Forward horizontal force N	Balancing seat force N	Number of cycles	Remarks
400	1.000	10	No defects

Note:

The test results comply with the requirements in clause 7.2.2 of EN 581-2:2015, contract level.

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Managing Director
Dr. Andrea Gravan

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TEST REPORT

266373 / 6

Date received: 12/02/19

Date of test: 12/03/19

Date of issue: 11/04/19

Sample name: TRILL Stool mini



NARDI S.P.A.
VIA DELLE STANGA' 14
36072 CHIAMPO (VI)
ITALIA

Leg sideways static load test EN 1728:2012+AC:2013

Test performed according to EN 581-2:2015

Leg sideways static load test clause 6.16, EN 1728:2012+AC:2013

Test results:

Sideways horizontal force N	Balancing seat force N	Number of cycles	Remarks
250	1.000	10	No defects

Note:

According to EN 1728:2012, horizontal force has been reduced from 300 N to 250 N, to avoid tipping.

The test results comply with the requirements in clause 7.2.2 of EN 581-2:2015, contract level.

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Managing Director
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TEST REPORT

266373 / 7

Date received: 12/02/19

Date of test: 04/04/19

Date of issue: 11/04/19

Sample name: TRILL Stool mini



NARDI S.P.A.
VIA DELLE STANGA' 14
36072 CHIAMPO (VI)
ITALIA

Seat impact test EN 1728:2012+AC:2013

Test performed according to EN 581-2:2015

Seat impact test clause 6.24, EN 1728:2012+AC:2013

Test results:

Mass of impactor kg	Height of drop mm	Impact point	Number of drops	Remarks
25	240	point A	10	No defects
25	240	100 mm from the front seat edge	10	No defects

Note:

The test results comply with the requirements in clause 7.2.2 of EN 581-2:2015, contract level.

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Managing Director
Dr. Andrea Giavon

TEST REPORT

266373 / 8

Date received: 12/02/19

Date of test: 05/04/19

Date of issue: 11/04/19

Sample name: TRILL Stool mini



NARDI S.P.A.
VIA DELLE STANGA' 14
36072 CHIAMPO (VI)
ITALIA

Foot rest static load test EN 1728:2012+AC:2013

Test performed according to EN 581-2:2015

Foot rest static load test, clause 6.8, EN 1728:2012+AC:2013

Test results:

Force on foot rest N	Number of cycles	Remarks
1.200	10	No defects

Note:

The test results comply with the requirements in clause 7.2.2 of EN 581-2:2015, contract level.

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TEST REPORT

266373 / 9

Date received: 12/02/19

Date of test: 05/04/19

Date of issue: 11/04/19

Sample name: TRILL Stool mini



NARDI S.P.A.
VIA DELLE STANGA' 14
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ITALIA

Stability - EN 1022:2005

Type of chair: fixed geometry

Minimum horizontal force for rearwards overturning of fixed back chair: 110 N

Forwards overturning

Horizontal force : 20 N does not overturn

Rearwards overturning

Fixed back chair

Horizontal force : 110 N does not overturn

Tilting chair in the rearmost position

Loading discs on the seat : /

Sideways overturning for chairs with arms

Horizontal force : /

Sideways overturning for chairs without arms

Horizontal force : 20 N does not overturn

Forwards overturning for chairs with footrest

Horizontal force : 20 N does not overturn

The test result complies with the requirements of EN 1022:2005

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