

PRZEDSIĘBIORSTWO USŁUGOWO REMONTOWE
REMODEX
ZAKŁAD BADAŃ I WDROŻEŃ PRZEMYSŁU MEBLARSKIEGO
Spółka z o.o.

Gruszczyn, ul. Leśna 12
62-006 Kobylnica

e-mail: biuro@remodex.com.pl
KRS 0000099068

tel./fax. 61 817-49-97
tel. kom. 601 391 825

SIGN: BW/PB/114/16

DATE: 26.08.2016

Order from: 10.08.2016

TEST REPORT No: 103/16/W

Safety requirements, strength and durability

1. Name and type of article -

Chairs:

**ISO, ISO WOOD, ISO LUX, ISO NET,
ISO ERGO MESH, ISO PLASTIC,
ISO CF, ISO NET CF(ISO NET SWING),
ISO ARM, ISO LUX ARM, ISO T, ISO TE
ISO WOOD TE.**

**Set of chairs: ISO - 2, ISO - 3, ISO - 4,
ISO - 5**

2. CLIENT -

NOWY STYL Sp. z o.o.
ul. Pużaka 49
38-400 KROSNO

3. Documents identifying article -

order + technical records.

This article was tested in accordance
with the test procedures described in:

**PN-EN 16139
PN-EN 1728
PN-EN 1022**

TEST RESULTS:

POSITIVE

Test operator

.....
/M Sc. (Eng.) Piotr Błaszczałk/

PREZES ZARZĄDU


mgr inż. Piotr Błaszczałk

The test results are only valid for the article tested.

This TEST REPORT shall not be reproduced except in full, without the written approval of the laboratory.

TEST REPORT contain 3 pages

TEST REPORT No: 103/16/W

REQUIREMENTS FOR NON-DOMESTIC SEATING

Name and type of article – Chairs: ISO, ISO WOOD, ISO LUX, ISO NET, ISO ERGO MESH, ISO PLASTIC, ISO CF, ISO NET CF(ISO NET SWING), ISO ARM, ISO LUX ARM, ISO T, ISO TE, ISO WOOD TE.
Set of chairs: ISO - 2, ISO - 3, ISO - 4, ISO - 5

SAFETY REQUIREMENTS:

point PN-EN	Test description	Requirement	Test results
4.1	accessible edges and corners	rounded	positive
	splinters, sharp edges	inadmissible	positive
	open ends of tubes	closed or covered	positive
	movable parts and adjustable	they do not injuries	not applicable
	connection of bearing parts	they do not get loosen	positive
	parts lubricated to assist sliding	does not cause staining	not applicable
4.2	the points of cutback or the wring near folding and the disposal	acceptable	not applicable
	the points of cutback or the wring of during working of mechanisms	inadmissible	not applicable
	the points of cutback or the wring of during normal use	inadmissible	positive

STABILITY:

Nr	Test description	Loading	Test results
1	Forward overturning	vertical force 600 N horizontal force 20 N	pass
2	Sideways overturning for chairs without arm rests	vertical force 600 N horizontal force 20 N	pass
3	Sideways overturning for chairs with arm rest	vertical force 250 N- seat vertical force 350 N- arm rest horizontal force 20 N	pass
4	Rearwards overturning	vertical force F ₁ 600 N horizontal force F ₂ - 157 N	pass

Dimensions (in mm)

Dimension	according to PN-EN 16139	in article	results
Height of seat	400 – 500	450 – 470	positive
Depth of seat	380 – 470	460	positive
Width of seat	min. 400	470	positive
Distance among handrails	min. 460	550	positive

SIGNED: *Brzut* **LABORATORIUM**

TEST REPORT No: 103/16/W

REQUIREMENTS FOR NON-DOMESTIC SEATING

Name and type of article – Chairs: ISO, ISO WOOD, ISO LUX, ISO NET, ISO ERGO MESH, ISO PLASTIC, ISO CF, ISO NET CF(ISO NET SWING).

STRENGTH and DURABILITY

Test level: 1 according to PN-EN 16139

p. PN-EN 1728: 2012	Test Description	Loading P (N)	Cycles	Requirement	Test results
6.4	Static load test: - seat - back	1600 560	10 10		pass pass
6.5	Seat front edge static load test	1300	10		pass
6.6	Vertical static load on back	600 seat load 1300	10		pass
6.8, 6.9	Foot rest and leg rest static load test	1300	10		not applicable
6.10	Arm sideways static load test	400	10		not applicable
6.11	Arm downwards static load test	750	5		not applicable
6.13.1, 6.13.2	Vertical upwards static load on arm rests	250 or stack with max. 8 chairs of 25 kg	lift 10 times, during \geq 10 s		not applicable
6.17	Durability test: - seat - back	1000 300	100 000		pass pass
6.18	Seat front edge durability test	800	50 000		pass
6.20	Arm durability test	400	30 000		not applicable
6.21	Foot rest durability test	1000	50 000		not applicable
6.15	Leg forward static load test	500	10		pass
6.16	Leg sideways static load test	400	10		pass
6.24	Seat impact test	drop height 240 mm	10		pass
6.25	Back impact test	height of fall 210 mm/38°	10		pass
6.26	Arm impact test	height of fall 210 mm/38°	10		not applicable
6.27.1	Drop test (multiple seating)	--	2 x 5		not applicable
6.14	Auxiliary writing surface static load test	300	10		not applicable
6.22	Auxiliary writing surface durability test	150	10 000		not applicable

Attention: maximum loading of seat - 160 kg.

LABORATORIUM
SIGNED: 

TEST REPORT No: 103/16/W

REQUIREMENTS FOR NON-DOMESTIC SEATING

Name and type of article – Chairs: ISO ARM, ISO LUX ARM, ISO T, ISO TE, ISO WOOD TE

STRENGTH and DURABILITY

Test level: 1 according to PN-EN 16139

p. PN-EN 1728: 2012	Test Description	Loading P (N)	Cycles	Requirement	Test results
6.4	Static load test: - seat - back	1600 560	10 10		pass pass
6.5	Seat front edge static load test	1300	10		pass
6.6	Vertical static load on back	600 seat load 1300	10		pass
6.8, 6.9	Foot rest and leg rest static load test	1300	10		not applicable
6.10	Arm sideways static load test	400	10		pass
6.11	Arm downwards static load test	750	5		pass
6.13.1, 6.13.2	Vertical upwards static load on arm rests	250 or stack with max. 8 chairs of 25 kg	lift 10 times, during ≥ 10 s		pass
6.17	Durability test: - seat - back	1000 300	100 000		pass pass
6.18	Seat front edge durability test	800	50 000		pass
6.20	Arm durability test	400	30 000		pass
6.21	Foot rest durability test	1000	50 000		not applicable
6.15	Leg forward static load test	500	10		pass
6.16	Leg sideways static load test	400	10		pass
6.24	Seat impact test	drop height 240 mm	10		pass
6.25	Back impact test	height of fall 210 mm/38°	10		pass
6.26	Arm impact test	height of fall 210 mm/38°	10		pass
6.27.1	Drop test (multiple seating)	--	2 x 5		not applicable
6.14	Auxiliary writing surface static load test	300	10		pass
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Attention: maximum loading of seat - 160 kg.

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TEST REPORT No: 103/16/W

REQUIREMENTS FOR NON-DOMESTIC SEATING

Name and type of article – Set of chairs: ISO - 2, ISO – 3, ISO – 4, ISO – 5

STRENGTH and DURABILITY

Test level: 1 according to PN-EN 16139

p. PN-EN 1728: 2012	Test Description	Loading P (N)	Cycles	Requirement	Test results
6.4	Static load test: - seat - back	1600 560	10 10		pass pass
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6.10	Arm sideways static load test	400	10		not applicable
6.11	Arm downwards static load test	750	5		not applicable
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6.16	Leg sideways static load test	400	10		pass
6.24	Seat impact test	drop height 240 mm	10		pass
6.25	Back impact test	height of fall 210 mm/38°	10		pass
6.26	Arm impact test	height of fall 210 mm/38°	10		not applicable
6.27.1	Drop test (multiple seating)	--	2 x 5		not applicable
6.14	Auxiliary writing surface static load test	300	10		not applicable
6.22	Auxiliary writing surface durability test	150	10 000		not applicable

Attention: maximum loading of seat - 160 kg.

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