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TECHNICAL REPORT

Pineapple Contracts Westmead Aylesford Maidstone Kent ME20 6XJ United Kingdom	SATRA reference:	FUR2014517	
		2444	1
	Report ID/Issue number:	46656/1	
	Your reference:	LLNPD211024	
	Date samples received:	28/10/2024	
	Date(s) work carried out:	28/10/2024 to 30/01/2025	
	Date of report:	30/01/2025	

Testing Requirements

Testing of a sofa, described by the customer as the 'Magna 2.0'
 to EN 16139:2013 Test Level 2

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Report Signed by:

Peter Westley


Report Signatory

ASSESSMENT OF THE MAGNA 2.0

As requested by Pineapple Contracts, SATRA have assessed the seating submitted, as detailed below.

SAMPLE SUBMITTED

Sample reference:

Magna 2.0

Testing conducted by:

P Westley

**TESTS CARRIED OUT**

EN 16139:2013 – Test Level 2 – Furniture – Strength, durability and safety - Requirements for non-domestic seating (for adults weighing up to 110kg). See Note 1.

CONCLUSION

The 'Magna 2.0', supplied for testing by Pineapple Contracts, has satisfied the relevant requirements of EN 16139:2013 – Test Level 2 – "Furniture – Strength, durability and safety - Requirements for non-domestic seating" except for Clause 7 (Information for use).

RESULTS

MAGNA 2.0

EN 16139:2013 (Test Level 2)

Clause	Test Description	Result
4	Safety	
4.1	General	
a)	Accessible corners rounded or chamfered	Pass
b)	Edges of seat, back and arm rests rounded	Pass
c)	Edges of handles rounded or chamfered	N/A
d)	All other edges free of burrs and/or sharp edges	Pass
e)	Ends of hollow components closed or capped	N/A
-	Movable / adjustable parts have a safe design	N/A
-	Unintentional loosening of load bearing parts	Pass
-	Lubricated parts protected against user soiling	N/A
4.2	Shear and Squeeze Points	
4.2.1	Shear and squeeze points when setting up and folding	N/A
4.2.2	Shear and squeeze points under influence of powered mechanisms	N/A
4.2.3	Shear and squeeze points during use	Pass
4.3	Stability (see Table 2)	
4.3.1	General	Pass
4.3.2	Swivelling chairs	N/A
4.3.3	Non swivelling chairs	Pass
4.4	Rolling Resistance of the Unloaded Chair	N/A
4.5	Safety of Construction (see Table 1)	Pass
5	Safety, Strength and Durability (see Table 1)	Pass
6	Test Methods (see Table 1)	
7	Information for Use	N/T (see Note 2)

EN 16139:2013 (Test Level 2) – Table 1

Clause 6 (Test Method)	Strength & Durability Tests	Result
EN 1728:2012, 6.4	Seat and back static load	Pass
EN 1728:2012, 6.5	Seat front edge static load	Pass
EN 1728:2012, 6.6	Vertical static load on back	Pass
EN 1728:2012, 6.8, 6.9	Foot rail/rest and leg rest static load	N/A
EN 1728:2012, 6.10	Arm sideways static load	Pass
EN 1728:2012, 6.11	Arm downwards static load	Pass
EN 1728:2012, 6.13.1, 6.13.2	Vertical upwards static load on arm rests	N/A
EN 1728:2012, 6.17	Seat and back durability	Pass
EN 1728:2012, 6.18	Seat front edge durability	Pass
EN 1728:2012, 6.20	Arm durability	Pass
EN 1728:2012, 6.21	Foot rest durability	N/A
EN 1728:2012, 6.15	Leg forward static load	N/A
EN 1728:2012, 6.16	Leg sideways static load	N/A
EN 1728:2012, 6.24	Seat impact	Pass
EN 1728:2012, 6.25	Back impact	Pass
EN 1728:2012, 6.26	Arm impact	Pass
EN 1728:2012, 6.27.1	Drop test (multiple seating) – TL 2 only	Pass
EN 1728:2012, 6.14	Auxiliary writing surface static load	N/A
EN 1728:2012, 6.22	Auxiliary writing surface durability	N/A

EN 16139:2012 – Table 2
Non-swivelling chairs (EN 1022:2005)

Clause	Test Description	Result	
		Before*	After*
6	All Seating		
6.2	Forwards overbalancing, all seating	Pass	Pass
6.3	Forwards overbalancing for seating with footrest	N/A	N/A
6.4	Sideways overbalancing, all seating without arms	N/A	N/A
6.5	Sideways overbalancing, all seating with arms	Pass	Pass
6.6	Rearwards overbalancing, all seating with backs	Pass	Pass
7	Seating with Variable Geometry		
7.3	Tilting chairs	N/A	
7.4	Rocking chairs		
7.5	Reclining chairs with footrest		
7.6	Footrest test		
7.7	Reclining chairs without footrest		

* The acceptance criteria of EN 16139:2013 requires that the applicable stability test(s) shall be carried out after the applicable strength and durability tests (see Table 1) but, following the order of the standard, they can also be carried out prior to the Table 1 tests.

COMMENTS

Note 1: Tested as a Two Seater.

Note 2: As no "Information for use" was supplied, the sample was not assessed against the requirements of this clause.



Picture 1: Front view of the 'Magna 2.0'



Picture 2: Rear view of the 'Magna 2.0'



Picture 3: Side view of the 'Magna 2.0'

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