SATRA Technology Centre Ltd
Wyndham Way, Telford Way, Kettering,
Northamptonshire, NN16 8SD United Kingdom
Tel: +44 (0) 1536 410000
email: info@satra.com
www.satra.com

0248

# TECHNICAL REPORT

| | | | |
|---|---|---|---|
| Pineapple Contracts<br>Westmead<br>Aylesford<br>Maidstone<br>Kent<br>ME20 6XJ<br>United Kingdom | SATRA reference: | FUR2035312 | |
| | | 2602 | 1 |
| | Report ID/Issue number: | 58649/1 | |
| | Your reference: | NPD0351 | |
| | Date samples received: | 19/12/2025 | |
| | Date(s) work carried out: | 19/12/2025 to 26/02/2026 | |
| | Date of report: | 27/02/2026 | |

## Testing Requirements

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

For SATRA's full terms and conditions see our website: https://new.satra.com/satra-terms-and-conditions/

For SATRA's statements regarding the confidentiality, publication and dissemination of this report, decision rules and UKAS accreditation please see the final page of this technical report.

**Report Signed by:**

Johnny Worthington

**Report Signatory**

## ASSESSMENT OF THE HENLEY

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

## SAMPLE SUBMITTED

Sample reference: Henley
Testing conducted by: P Westley & J. Page


## 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 'Henley', 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**

**HENLEY**

**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 | Pass |
| - | 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 | Pass |
| EN 1728:2012, 6.16 | Leg sideways static load | Pass |
| 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 16139:2013 – *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.*

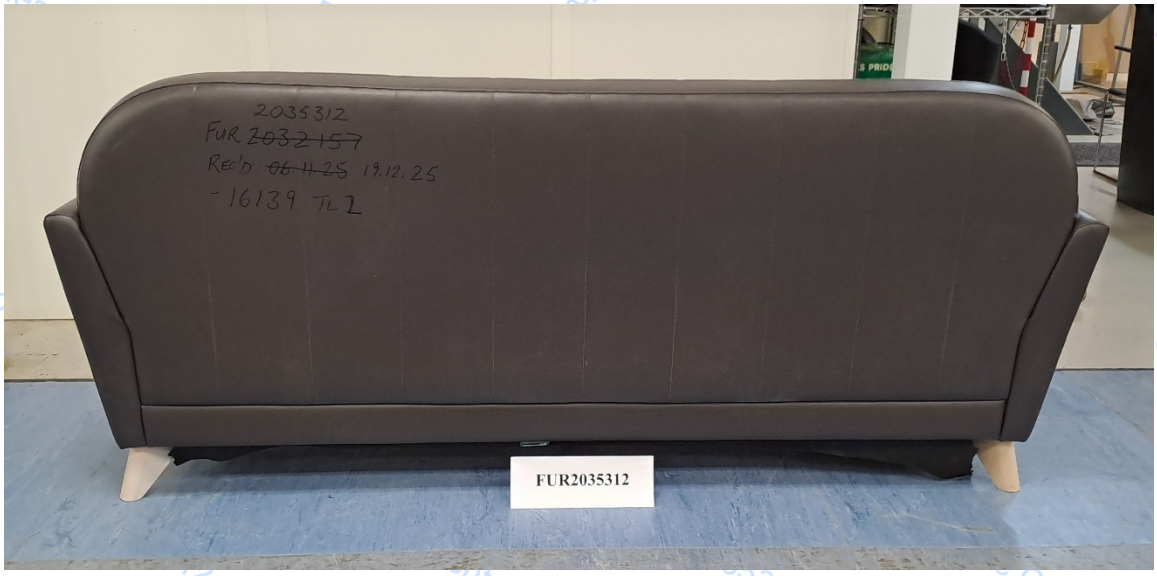
*N/A denotes clause 'Not Applicable'*
*N/T denotes clause 'Not Tested'.*

**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 'Henley'**




**Picture 2: Rear view of the 'Henley'**


**Picture 3: Side view of the 'Henley'**

## Conditions of Use

### Confidentiality and Dissemination

SATRA test reports may be forwarded to other parties if they are not changed in any way and are not marked as confidential. Test reports must not be published, for example by including it in advertisements, without the prior, written permission of SATRA.

### Liability

Results given in this report refer only to the samples submitted for analysis and tested by SATRA. Comments are for guidance only.

A satisfactory test report in no way implies that the product tested is approved by SATRA and no warranty is given as to the performance of the product tested. SATRA shall not be liable for any subsequent loss or damage incurred by the client as a result of information supplied in the report.

### Accreditation

Where the UKAS logo is included on the test report then tests marked ≠ fall outside the UKAS Accreditation Schedule for SATRA. Where no UKAS logo is included on the test report then none of the tests reported are covered by SATRA's UKAS Accreditation.

Tests marked ¥ are performed under SATRA's Flexible UKAS Schedule.

Opinions and interpretations fall outside the UKAS Accreditation for SATRA.

### Uncertainty of Measurement and Decision Rules

Where values for uncertainty of measurement are included within the report then the uncertainty of the corresponding results are based on a standard uncertainty multiplied by a coverage factor k=2, which provides a coverage probability of approximately 95%.

When reporting results against a conformance statement (Pass/Fail or the allocation of a class or level) then uncertainty of measurement is considered based on a non-binary acceptance which itself is based on the guard being equal to the expanded uncertainty.

Where the result corrected for uncertainty falls within the tolerance of the conformance statement then the risk of the conformance statement being a false accept or false reject is up to 2.5% and SATRA will in this instance quote a Pass/Fail, class, or level.

Where the result corrected for uncertainty falls outside of the tolerance of the conformance statement then the risk of the conformance statement being a false accept or false reject is up to 50%. In this instance SATRA will not provide a Pass/Fail statement or a class or level but will include information in the notes in relation to the result obtained.

Where a report includes results provided by a subcontracted laboratory and the subcontract lab has provided raw data results and uncertainty values then SATRA will apply the decision rules above. Where Uncertainty values have not been provided by the subcontract lab then decision rules will not be applied and SATRA will include a note to this effect clearly indicating the affected results.

SATRA's guidelines provide recommendations that are based upon SATRA's knowledge and experience. The guidelines are intended to indicate conformance by providing information on the likely performance or characteristics of a property. As such, uncertainty of measurement is not applied when evaluating results against guideline recommendations.