

**Technical Report – R4791415567
PAS 24:2022 - Enhanced Security
Performance Requirements for
Doorsets and Windows in the UK**

**Hadham Group Limited
Casement 92**



SASH WINDOW SHOP LTD

Contents

1.	Introduction	2
2.	Summary of Results	3
3.	Description of Test Sample	4
4.	Test Arrangement.....	7
5.	Test Procedures	9
6.	Test Results.....	11
7.	System Drawings.....	17

SASH WINDOW SHOP LTD

1. Introduction

This report describes tests completed to determine the test specimen's compliance with PAS 24:2022 of the test specimen supplied as follows:

Test Details	
Customer:	Hadham Group Limited Unit 3 Ware SG11 2DY GB
Product Tested	Casement 92 Double, flush, side opening casement windows (outward opening)
Samples ID Tested:	Sample 1 & 2
Date Sample Received:	16 th September 2024
Test Conducted at:	UL International (UK) Limited UL Solutions Halesfield 2 Telford United Kingdom TF7 4QH
Test Conducted by:	D Adams <i>Senior Engineering Technician</i> S Ward <i>Engineering Technician</i> C Holden <i>Laboratory Technician</i>

Report Authorisation	
Report Compiled by:	J Ratcliffe <i>Engineering Project Handler</i>
Authorised by:	R Cadwallader <i>Engineer</i>

UL International (UK) Limited is accredited by the United Kingdom Accreditation Service as UKAS Testing Laboratory No. 5772.

REPRODUCTION OF THIS DOCUMENT IN WHOLE OR ANY PART THEREOF MUST NOT BE MADE WITHOUT PRIOR WRITTEN PERMISSION FROM UL INTERNATIONAL (UK) LIMITED.

This report and the results shown within are based upon the information, drawings, samples and tests referred to in the report. The results obtained only apply to the sample tested and do not necessarily relate to samples from the production line of the above-named company and in no way constitute any form of representation or warranty as to the performance or quality of any products supplied or to be supplied by them. UL International (UK) Limited or its employees accept no liability for any damages, charges, cost or expenses in respect of or in relation to any damage to any property or other loss whatsoever arising either directly or indirectly from the use of the report.

2. Summary of Results

The following summarises the results of testing carried out, in accordance with PAS 24:2022.

The performance of the sample tested has been assessed against the criteria described in the standards below.

Test Description	Sample Tested (ID No.)	Test Sheet reference	Result	Test Date
C.4.3 – Manipulation test (a)	1	TS 001	Pass	23 rd September 2024
C.4.4.2 – Infill manual test	1	TS 001	Pass	23 rd September 2024
C.4.6 – Manual check test	1	TS 001	Entry gained	23 rd September 2024
C.4.4.3 – Infill mechanical test	1	TS 001	Pass	23 rd September 2024
C.4.5 – Mechanical loading test	2	TS 001	Pass	23 rd September 2024
C.4.7 – Additional mechanical loading test	2	TS 001	Pass	23 rd September 2024
Overall classification in accordance with PAS 24:2022			W	

More comprehensive details are reported in section 6.

Note: *These results are valid only for the conditions under which the test was conducted.*

All measurement devices, instruments and other relevant equipment were calibrated and traceable to National Standards.

2.1 Decision rule

Classifications reported in section 6 indicate that the product conforms with the relevant accuracy requirements of section B.3 and C.3 of PAS 24:2022.

2.2 Measurement uncertainty

The results as reported in this test report are not accounting measurement of uncertainty as no numerical values were recorded during the test.