

# TEST REPORT ON UPVC WINDOW

Cert. Number:

UR3 – 00652 – 22

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## Universal Laboratories (Bahrain) WLL

Gate No: 1006, Villa No.2 Road 3221, Mahooz-332

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E-mail: bahrain@universallab.co

CALIBRATION & TESTING  
LABORATORIES

WORK ORDER NO.	:	00652 / 22
Client	:	AL – BADIHA COMPANY FOR METAL WORKS
Address	:	Jabal Amman – 1 <sup>st</sup> Circle – Opposite to Bank of Jordan
Date Received	:	25 January 2022
Certificate issued on	:	31 January 2022
PROJECT	:	GENERAL PURPOSES
MATERIAL NAME	:	UPVC WINDOW
MANUFACTURER	:	AL – BADIHA COMPANY FOR METAL WORKS
COLOR	:	WHITE
DATE OF TEST	:	25 January 2022
ENVIRONMENTAL CONDITION	:	Temperature 24.0 ° C <span style="float: right;">Relative Humidity 51.0 %</span>

TEST REQUIRED	UNIT	METHOD / STANDARD	REQUIREMENTS AS PER ABC METHOD (Table A15.2.3) Category A	RESULTS	REMARKS
SOUND TRANSMISSION	dB	BS 8233	65	50.0	SATISFACTORY



Seal: \_\_\_\_\_

Verified by:  \_\_\_\_\_  
Testing Laboratory

Approved by:  \_\_\_\_\_  
Testing Lab. Manager

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COLOR	:	WHITE
ENVIRONMENTAL CONDITION	:	Temperature 24.0 ° C <span style="float: right;">Relative Humidity 51.0 %</span>

TEST DESCRIPTION	METHOD / STANDARD	TEST PRESSURE ( Bar )	HOLDING TIME ( Min. )	TEST MEDIUM	REQUIREMENT	RESULTS	REMARKS
WATER RESISTANCE	BS 6375	1	1	Water	Window shall neither fail nor develop any sign of leakage	No fail or develop any sign of leakage	SATISFACTORY



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MATERIAL NAME	:	UPVC WINDOW
MANUFACTURER	:	AL – BADIHA COMPANY FOR METAL WORKS
COLOR	:	WHITE
DATE OF TEST	:	25 January 2022
ENVIRONMENTAL CONDITION	:	Temperature 24.0 °C Relative Humidity 51.0 %

TEST REQUIRED	UNIT	METHOD / STANDARD	RESULTS
THERMAL TRANSMITTANCE	°C	BS EN ISO 10077	34.0



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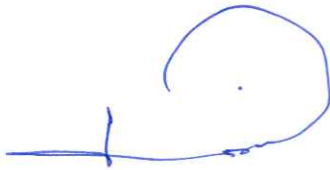
CALIBRATION & TESTING  
LABORATORIES

WORK ORDER NO.	:	00652 / 22
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Address	:	Jabal Amman – 1 <sup>st</sup> Circle – Opposite to Bank of Jordan
Date Received	:	25 January 2022
Certificate issued on	:	31 January 2022
PROJECT	:	GENERAL PUPOSES
MATERIAL NAME	:	UPVC WINDOW
MANUFACTURER	:	AL – BADIHA COMPANY FOR METAL WORKS
COLOR	:	WHITE
DATE OF TEST	:	25 January 2022
ENVIRONMENTAL CONDITION	:	Temperature 24.0 ° C <span style="float: right;">Relative Humidity 55.0 %</span>

TEST REQUIRED	UNIT	METHOD / STANDARD	RESULTS
U – VALUE OF GLASS WINDOW	W/m <sup>2</sup> .C	BS EN ISO 10077	1.80



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MATERIAL NAME	:	UPVC WINDOW
MANUFACTURER	:	AL – BADIHA COMPANY FOR METAL WORKS
COLOR	:	WHITE
TYPE OF TEST	:	STRUCTURAL – SUPPORT MOVEMENTS
DATE OF TEST	:	25 January 2022
ENVIRONMENTAL CONDITION	:	Temperature 24.0 ° C <span style="float: right;">Relative Humidity 55.0 %</span>

TEST REQUIRED	UNIT	METHOD / STANDARD	REQUIREMENTS	RESULTS
STATIC TORSION	N	EN 14609	Load of 300 N as required by Class 3 of EN 13115, with a preload of 30 N	No damage was observed, and the window continued to operate normally.
RACKING	N	EN 14608	Load of 600 N as required by Class 3 of EN 13115, with a preload of 60 N	No damage was observed, and the window continued to operate normally.
			<table border="1"><thead><tr><th>DEFLECTION OF FULL LOAD</th><th>RESIDUAL DEFLECTION</th></tr></thead><tbody><tr><td>4.0 mm</td><td>1.5 mm</td></tr></tbody></table>	
DEFLECTION OF FULL LOAD	RESIDUAL DEFLECTION			
4.0 mm	1.5 mm			



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