

TEST REPORT No. 372274/13366/CPR

issued by Istituto Giordano in the capacity of notified test laboratory (No. 0407) pursuant to Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011

Customer

ELVIAL S.A.

25th km New National Road Thessaloniki-Kilkis - 61100 KILKIS - Greece

Item*

**frames constructed from aluminium profiles with thermal break
named "ELVIAL ICONIC W77.AI²"**

Activity



**calculation of thermal transmittance in accordance with
standard EN ISO 10077-2:2017, with reference to
harmonised standard UNI EN 14351-1:2016**

Results

Product family name	Section	Width considered "b _f " [mm]	Thermal transmittance "U _f " [W/(m ² · K)]	Thermal transmittance** "U _f " [W/(m ² · K)]
W77.AI ² Classic edition	Frame W77.110.021F	46	1,30	1,3
	Frame W77.110.047F	72	1,06	1,1
	Frame-sash W77.110.021F-W77.170.074F	90	1,40	1,4
	Frame-sash W77.110.031F-W77.170.074F	100	1,34	1,3
	Frame-sash W77.110.047F-W77.170.074F	116	1,25	1,3
	Sash-transom-sash W77.130.031F-W77.170.074F	168	1,33	1,3
	Sash-adjoin.profile-sash W77.180.067F-W77.170.074F	155	1,37	1,4
	Transom-sash W77.130.031F-W77.170.074F	125	1,27	1,3
	Transom W77.130.031F	81	1,09	1,1
W77BS.AI ² Hidden sash edition	Threshold W77.151.020-W77.170.074F	80	1,83	1,8
	Frame W77BS.110.021F	66	1,04	1,0
	Frame-sash W77BS.110.021F-W77BS.173.057F	72	1,50	1,5
	Frame-sash W77BS.110.031F-W77BS.173.057F	82	1,44	1,4
	Sash-transom-sash W77BS.131.026F-W77BS.173.057F	129	1,47	1,5
	Sash-adjoin.profile-sash W77BS.180.107F-W77BS.173.057F	120	1,49	1,5
	Int.adjoin.profile-sash W77BS.181.039F-W77BS.173.057F	91	1,42	1,4
	Transom-sash W77BS.130.031F-W77BS.173.057F	106	1,31	1,3
	Threshold W77.151.020-W77BS.173.057F	62	2,05	2,1

(**) rounded to the second significant digit.

(*) according to that stated by the customer.

Bellaria-Igea Marina - Italy, 17 June 2020

Chief Executive Officer

Order:
84240

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supplied by the customer

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from 29 May 2020 to 15 June 2020

Activity site:
Istituto Giordano S.p.A. - Blocco 2 - Via Gioacchino Rossini, 2 - 47814 Bellaria-Igea Marina (RN) - Italy

Contents	Page
Description of item*	2
Manufacturing site*	12
Normative references	12
Method	12
Results	14

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The results relate only to the item examined, as received, and are valid only in the conditions in which the activity was carried out.

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Page 1 of 32