

TEST REPORT No. 372273/13365/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 W67.HI²"**

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	Thermal transmittance	Thermal transmittance**
		"b _r " [mm]	"U _f " [W/(m ² · K)]	"U _f " [W/(m ² · K)]
W67 Classic edition	Frame W67.110.021F	46	1,48	1,5
	Frame W67.110.047F	72	1,24	1,2
	Frame-sash W67.110.021F-W67.170.074F	90	1,77	1,8
	Frame-sash W67.110.031F-W67.170.074F	100	1,71	1,7
	Frame-sash W67.110.047F-W67.170.074F	116	1,60	1,6
	Sash-transom-sash W67.130.031F-W67.170.074F	168	1,71	1,7
	Sash-adjoin.profile-sash W67.180.067F-W67.170.074F	155	1,78	1,8
	Transom-sash W67.130.031F-W67.170.074F	125	1,59	1,6
	Transom W67.130.031F	81	1,23	1,2
W67BS Hidden sash edition	Threshold W67.151.020-W67.170.074F	80	2,32	2,3
	Frame W67BS.110.021F	66	1,21	1,2
	Frame-sash W67BS.110.021F-W67BS.173.057F	72	1,95	1,9
	Frame-sash W67BS.110.031F-W67BS.173.057F	82	1,85	1,8
	Frame-sash W67BS.110.031F-W67BS.172.057F	82	1,86	1,9
	Sash-transom-sash W67BS.131.026F-W67BS.173.057F	129	1,90	1,9
	Sash-adjoin.profile-sash W67BS.180.107F-W67BS.173.057F	120	1,96	2,0
	Sash-adjoin.profile-sash W67BS.180.107F-W67BS.172.057F	120	1,99	2,0
	Integr.adjoin.profile-sash W67BS.182.039F-W67BS.172.057F	91	1,87	1,9
	Transom W67BS.130.031F-W67BS.173.057F	106	1,67	1,7
	Threshold W67.151.020-W67BS.173.057F	62	2,59	2,6
Threshold W67.151.020-W67BS.172.057F	62	2,67	2,7	

(**) 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

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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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