



Laboratorium Techniki Budowlanej s.c.
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 NIP 625-21-29-966
 Numer notyfikacji/Notified body/ 1827



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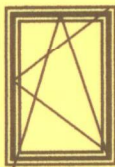
AB 661

Appendix No 5 to test report 570/B-2011

Initial Type Testing Certificate
pertinent to Standard EN 14351-1:2006+A1
No 570/B – 2011

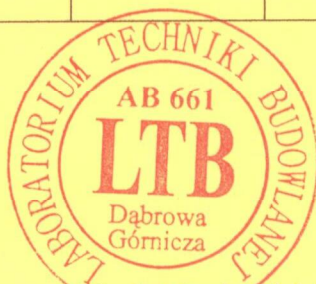
Laboratorium Techniki Budowlanej carried out the examination of the window described in test report 570/B-2011, part 1, designated with No 1, under system **Thermax 2 Ultra**, manufactured by:

SŁOWIŃSCY sp. j.
 ul. Wspólna 2
 62-400 Słupca

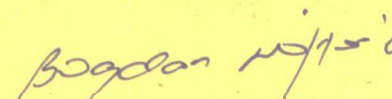
Test specimen	Characteristic	Test standard	Classification standard	Classification/value
 B=1000 H=1800	4.5. Watertightness	EN 1027	EN 12208	Not covered E1950 (Test pressure 1950 Pa)
	4.8. Load-bearing capacity of safety devices	EN 14609	EN 14351-1+A1	Threshold value 350 N
The results of the examination refer only to the tested sample and the test conditions. The parameters for other objects should be declared in compliance with the provisions specified in standard EN 14351-1+A1	4.14. Air permeability	EN 1026	EN 12207	Class 4 (Max test pressure 600 Pa) Reference air permeability at 100 Pa: 3m ³ /h m ² or 0,75 m ³ /h m

Quality Manager

mgr inż. Andrzej Żyła



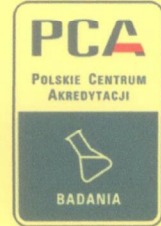
Engineering Manager


 mgr inż. Bogdan Wójtowicz

Dąbrowa Górnicza, dated 14th July, 2011



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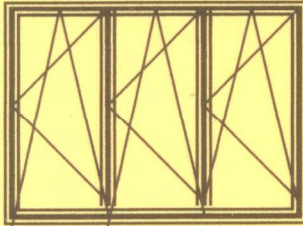
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Appendix No 6 to test report 570/B-2011

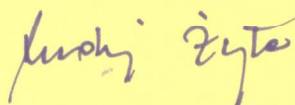
Initial Type Testing Certificate
Pertinent to Standard EN 14351-1:2006+A1
No 570/B – 2011

Laboratorium Techniki Budowlanej carried out the examination of the window described in test report 570/B-2011, part 1, designated with No 2, under system **Thermax 2 Ultra**, manufactured by:

SŁOWIŃSCY sp. j.
ul. Wspólna 2
62-400 Słupca

Test specimen	Characteristic	Test standard	Classification standard	Classification/value
 B=3000 H=2450	4.2 Resistance to wind load	EN 12211	EN 12210	Test pressure P1 3 (1200 Pa) Frame deflection C ($< 1/300$)
	4.5. Watertightnes	EN 1027	EN 12208	Not covered E1050 (Test pressure 1050 Pa)
	4.8. Load-bearing capacity of safety devices	EN 14609	EN 14351-1+A1	Threshold value 350 N
The results of the examination refer only to the tested sample and the test conditions. The parameters for other objects should be declared in compliance with the provisions specified in standard EN 14351-1+A1	4.14. Air permeability	EN 1026	EN 12207	Class 4 (Max test pressure 600 Pa) Reference air permeability at 100 Pa: $3\text{m}^3/\text{h m}^2$ or $0,75\text{ m}^3/\text{h m}$

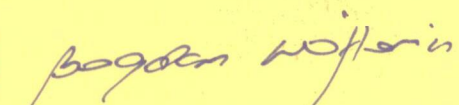
Quality Manager



mgr inż. Andrzej Żyła



Engineering Manager



mgr inż. Bogdan Wójtowicz

Dąbrowa Górnicza, dated 14th July, 2011

LTB

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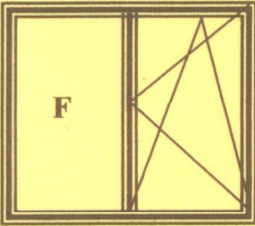
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Appendix No 7 to test report 570/B-2011

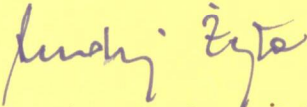
Initial Type Testing Certificate
Pertinent to Standard EN 14351-1:2006+A1
No 570/B – 2011

Laboratorium Techniki Budowlanej carried out the examination of the window described in test report 570/B-2011, part 1, designated with No 3, under system **Thermax 2 Ultra**, manufactured by:

SŁOWIŃSCY sp. j.
 ul. Wspólna 2
 62-400 Słupca

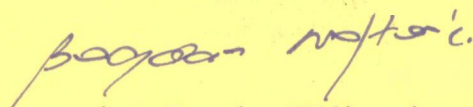
Test specimen	Characteristic	Test standard	Classification standard	Classification/value
 B=2500 H=2450	4.2 Resistance to wind load	EN 12211	EN 12210	Test pressure P1 3 (1200 Pa) Frame deflection C (<1/300)
	4.5. Watertightnes	EN 1027	EN 12208	Not covered 3A (Test pressure 100 Pa)
	4.8. Load-bearing capacity of safety devices	EN 14609	EN 14351-1 +A1	Threshold value 350 N
The results of the examination refer only to the tested sample and the test conditions. The parameters for other objects should be declared in compliance with the provisions specified in standard EN 14351-1+A1	4.14. Air permeability	EN 1026	EN 12207	Class 4 (Max test pressure 600 Pa) Reference air permeability at 100 Pa: 3m ³ /h m ² or 0,75 m ³ /h m

Quality Menager


 mgr inż. Andrzej Żyła



Engineering Manager


 mgr inż. Bogdan Wójtowicz

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Appendix No 8 to test report 570/B-2011

Initial Type Testing Certificate
pertinent to Standard EN 14351-1:2006+A1
No 570/B – 2011

Laboratorium Techniki Budowlanej used the calculation method, in accordance with Annex B, to Standard 14351-1+A1, to define the sound insulation of the windows under system **Thermax 2 Ultra**, described in test report 570/B-2011, manufactured by:

SŁOWIŃSCY sp. j.
 ul. Wspólna 2
 62-400 Słupca

Test specimen	Characteristic	Test standard	Classification/value
Windows made of wood, coated with Al, fixed and openable (turn and tilt&turn) single windows with IGU 4/18/4/18/4Ar, without SF ₆ R _w (IGU) = 31 dB C(IGU) = (-2) dB C _{tr} (IGU) = (-6) dB The results of the examination refer only to the tested sample and the test conditions. The parameters for other objects should be declared in compliance with the provisions specified in standard EN 14351-1+A1	4.11 Acoustic performance	EN 14351-1+A1 Annex B	windows area F ≤ 2,7 m ² R_w(C;C_{tr}) = 33(-1;-6)
			windows area 2,7 < F ≤ 3,6 m ² R_w(C;C_{tr}) = 32(-1;-6)
			windows area 3,6 < F ≤ 4,6 m ² R_w(C;C_{tr}) = 31(-1;-6)
			windows area 4,6 < F m ² R_w(C;C_{tr}) = 30 (-1;-6)

Quality manager

mgr inż. Andrzej Żyła



Engineering Manager

mgr inż. Bogdan Wójtowicz

Dąbrowa Górnicza, dated 14th July, 2011