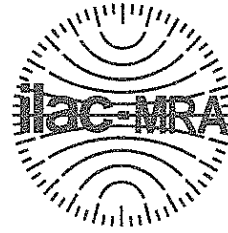


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 41-306 Dąbrowa Górnicza, ul. Laski 83  
 NIP 625-21-29-966  
 Numer notyfikacji/Notified body/ 1827



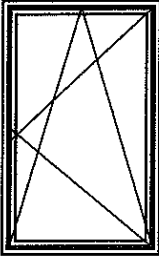
AB 661

tel/ fax (0-...)(32) 26 44 079; tel. (0-608) 50 66 32, (0-608) 50 66 35  
 Bank Śląski o/Dąbrowa Górnicza nr 57 1050 1272 1000 0022 3368 1416

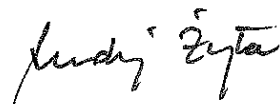
**Initial Type Testing Certificate**  
**pertinent to Standard EN 14351-1+A1**  
**No 876/B-2012-6**

Laboratorium Techniki Budowlanej provided the tests of the window described in test report 876/B-2012, manufactured by:

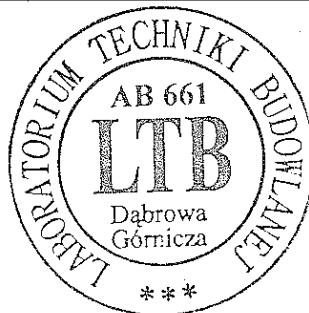
**SŁOWIŃSCY Sp. j.**  
 ul. Wspólna 2  
 62-400 Słupca

Test specimen	Test standard	Value	Classification
 B=1000 H=1800 System: <b>ISOTHERM 85</b> Components Frame: 180005 Sash: 180020 Hardware: ROTO IGU: 4/18/4/18/4	EN 1027	Watertightness tight to <b>900 Pa</b>	EN 12208 Not covered <b>Class E900</b>
	EN 14609	4.8. Load-bearing capacity of safety devices	Threshold value <b>350 N</b>
	EN 1026	Air permeability at 100 Pa: <b>0,47 m<sup>3</sup>/h m<sup>2</sup></b> or <b>0,16 m<sup>3</sup>/h m</b>	EN 12207 <b>Class 4</b> (Max test pressure 600 Pa) Reference air permeability at 100 Pa: <b>3 m<sup>3</sup>/h m<sup>2</sup></b> or <b>0,75 m<sup>3</sup>/h m</b>
The parameters for other objects should be declared in compliance with the provisions specified in standard EN 14351-1+A1		The results of the examination refer only to the tested sample and the test conditions.	Classification beyond the scope of accreditation

Quality Manager



mgr inż. Andrzej Żyła

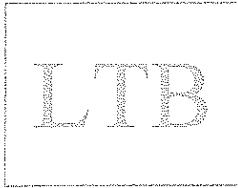


Engineering Manager



mgr inż. Bogdan Wójtowicz

Dąbrowa Górnicza, dated 24<sup>th</sup> September, 2012



Laboratorium Techniki Budowlanej s.c.  
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 41-306 Dąbrowa Górnicza, ul. Laski 83  
 NIP 625-21-29-966  
 Numer notyfikacji/Notified body/ 1827



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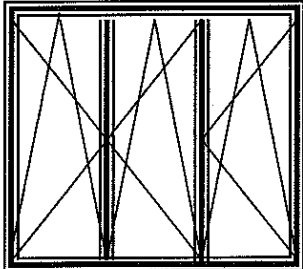
tel/ fax (0-...)(32) 26 44 079; tel. (0-608) 50 66 32, (0-608) 50 66 35  
 Bank Śląski o/Dąbrowa Górnicza nr 57 1050 1272 1000 0022 3368 1416

**Initial Type Testing Certificate  
 pertinent to Standard EN 14351-1+A1**

**No 876/B-2012-7**

Laboratorium Techniki Budowlanej provided the tests of the window described in test report 876/B-2012, manufactured by:

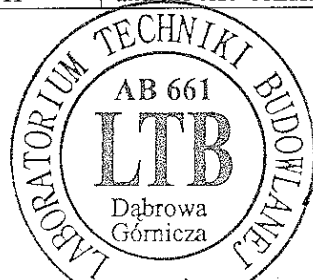
**SŁOWIŃSCY Sp. j.**  
 ul. Wspólna 2  
 62-400 Słupca

Test specimen	Test standard	Value	Classification
 B=2700 H=2200 System: <b>ISOTHERM 85</b> Components Frame: 180005 Sash: 180020 Mullion 18044 Hardware: ROTO IGU: 4/18/4/18/4	EN 12211	Resistance to wind load <b>Test pressure P1            800 Pa</b> <b>frame deflection            pressure „+” 1/395            pressure „-” 1/374</b>	EN 12210 and EN 14351+A1  <b>Class C2</b>
	EN 1027	Watertightness tight to <b>1050 Pa</b>	EN 12208 Not covered <b>Class E1050</b>
	EN 14609	4.8. Load-bearing capacity of safety devices	Threshold value <b>350 N</b>
	EN 1026	Air permeability at 100 Pa: <b>0,27 m<sup>3</sup>/h m<sup>2</sup></b> or <b>0,09 m<sup>3</sup>/h m</b>	EN 12207 <b>Class 4</b> (Max test pressure 600 Pa) Reference air permeability at 100 Pa: 3 m <sup>3</sup> /h m <sup>2</sup> or 0,75 m <sup>3</sup> /h m
The parameters for other objects should be declared in compliance with the provisions specified in standard EN 14351-1+A1		The results of the examination refer only to the tested sample and the test conditions.	Classification beyond the scope of accreditation

Quality Manager

*Andrzej Żyła*

mgr inż. Andrzej Żyła

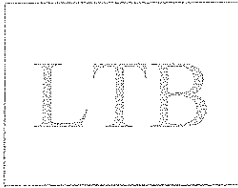


Engineering Manager

*Bogdan Wojtowicz*

mgr inż. Bogdan Wojtowicz

\*\*\*  
 Dąbrowa Górnicza, dated 24<sup>th</sup> September, 2012



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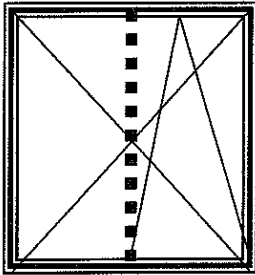
tel/ fax (0-...)(32) 26 44 079; tel. (0-608) 50 66 32, (0-608) 50 66 35  
 Bank Śląski o/Dąbrowa Górnicza nr 57 1050 1272 1000 0022 3368 1416

**Initial Type Testing Certificate  
 pertinent to Standard EN 14351-1+A1**

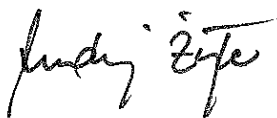
**No 876/B-2012-8**

Laboratorium Techniki Budowlanej provided the tests of the window described in test report 876/B-2012, manufactured by:

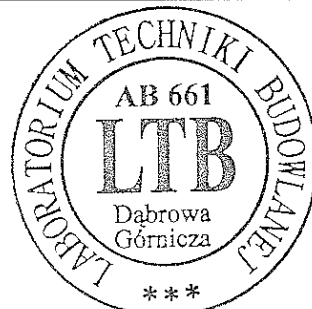
**SŁOWIŃSCY Sp. j.**  
 ul. Wspólna 2  
 62-400 Słupca

Test specimen	Test standard	Value	Classification
 B=1800 H=2300 System: <b>ISOTHERM 85</b> Components Frame: 180005 Sash: 180020 Joint bar: 180466 Hardware: ROTO IGU: 4/18/4/18/4	EN 12211	Resistance to wind load <b>Test pressure P1            800 Pa</b> <b>frame deflection            pressure „+” 1/378            pressure „-” 1/392</b>	EN 12210 and EN 14351+A1  <b>Class C2</b>
	EN 1027	Watertightness tight to <b>1050 Pa</b>	EN 12208 Not covered <b>Class E1050</b>
	EN 14609	4.8. Load-bearing capacity of safety devices	Threshold value <b>350 N</b>
	EN 1026	Air permeability at 100 Pa: <b>0,40 m<sup>3</sup>/h m<sup>2</sup></b> or <b>0,16 m<sup>3</sup>/h m</b>	EN 12207 <b>Class 4</b> (Max test pressure 600 Pa) Reference air permeability at 100 Pa: 3 m <sup>3</sup> /h m <sup>2</sup> or 0,75 m <sup>3</sup> /h m
The parameters for other objects should be declared in compliance with the provisions specified in standard EN 14351-1+A1		The results of the examination refer only to the tested sample and the test conditions.	Classification beyond the scope of accreditation

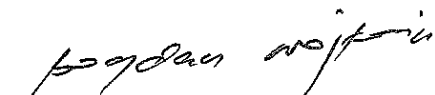
Quality Manager



mgr inż. Andrzej Żyła

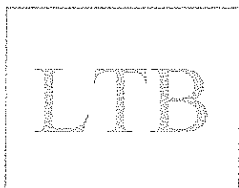


Engineering Manager



mgr inż. Bogdan Wójtowicz

Dąbrowa Górnicza, dated 30<sup>th</sup> September, 2012



Laboratorium Techniki Budowlanej s.c.  
 B. Wojtowicz, A. Żyła, M. Żyła  
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 Numer notyfikacji/Notified body/ 1827



tel/ fax (0-...)(32) 26 44 079; tel. (0-608) 50 66 32, (0-608) 50 66 35  
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**Initial Type Testing Certificate  
 pertinent to Standard EN 14351-1+A1**

**No 876/B-2012-9**

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 of system **ISOTHERM 85**, described in test report 876/B-2012, manufactured by:

**SŁOWIŃSCY Sp. j.**  
 ul. Wspólna 2  
 62-400 Słupca

Test specimen	Characteristic	Test standard	Classification/value
Made of PVC, fixed and openable (turn and tilt&turn) single windows with IGU: 4/18 Argon/4/18 Argon/4 $R_w(\text{IGU}) = 29 \text{ dB}$ $C(\text{IGU}) = (-1) \text{ dB}$ $C_{tr}(\text{IGU}) = (-4) \text{ dB}$	4.11 Acoustic performance	EN 14351-1+A1 Annex B	windows area $F \leq 2,7 \text{ m}^2$ $R_w(C;C_{tr}) = 32(-1;-5)$
			windows area $2,7 < F \leq 3,6 \text{ m}^2$ $R_w(C;C_{tr}) = 31(-1;-5)$
			windows area $3,6 < F \leq 4,6 \text{ m}^2$ $R_w(C;C_{tr}) = 30(-1;-5)$
			windows area $4,6 < F \text{ m}^2$ $R_w(C;C_{tr}) = 29 (-1;-5)$
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.			

Quality manager

*Andrzej Żyła*

mgr inż. Andrzej Żyła



Engineering Manager

*Bogdan Wojtowicz*

mgr inż. Bogdan Wojtowicz

Dąbrowa Górnicza, dated 24<sup>th</sup> September, 2012