



TECHNICKÝ A ZKUŠEBNÍ ÚSTAV STAVEBNÍ PRAHA, s.p.

Technical and Test Institute for Construction Prague

Akreditovaná zkušební laboratoř, Autorizovaná osoba, Notifikovaná osoba, Oznamovaný subjekt, Subjekt pro technické posuzování, Certifikační orgán, Inspekční orgán / Accredited Testing Laboratory, Authorized Body, Notified Body, Technical Assessment Body, Certification Body, Inspection Body. Prosecká 811/76a, 190 00 Praha 9 - Prosek, Czech Republic

Notified Body 1020

Branch 0900 – Technical Engineering Services

REPORT

on the determination of the product-type

In compliance with Regulation (EU) 305/2011 of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation or CPR), Art. 1.4 of the Annex V

No. **1020 – CPR – 090-030739**

Trade name:

Swing gate, series "P2", EN 13241-1:2011

(Entrance gate series ADS 400, trade mark ALUTECH type P2)

type / variations: swing gate, type "P2" (maximum supplied dimensions: W = 5.0 m, H = 3.21 m)

Manufacturer:

Alutech Door Systems LLC

Company Registration No.: 808001246

Factual Address: 4-4, Inzhenernaya str., Minsk, Belarus, 220075

Plant: Alutech Door Systems LLC

Legal Address: 10-508, Selitskogo str., Minsk area, Minsk region, FEZ «Minsk», Republic of Belarus, 220075

Order (TZÚS – TIS): Z 090 13 0296 (928)

Number of Report pages, including title page: **5**

Number of Annex : **3**

Person taking responsibility for the content of this report:

Milan Kutílek
Head Assessor

Person taking responsibility for the correctness of this report:

Jiří Studnička
Deputy Manager of Notified Body 1020

Stamp of Notified Body 1020

Prague, 20. December 2013



Note: This Report shall not be reproduced other than in whole without the written consent of the Assistant Director of the Authorized Body.

Technický a zkušební ústav stavební Praha, s. p., Branch 0900-TIS, Prosecká 811/76a, 190 00 Prague 9, Czech Republic
Tel.: 286 019 400, fax: +420 286 881 995, http: +420 286 019 400, email: jstudnic@tzus.cz, www.tzus.cz
Bank: KB Praha 1 Czech Republic, acc. No.: 1501-931/0100, Reg. No.: 000 15679, VAT No.: 009-00015679

Initial type test - Overview of test results

	Property	Test Report	Test procedure	Required/declared level	Measured value
1.	Watertight integrity			NPD	
2.	Release of hazardous substances clause 4.2.9 in ČSN EN 13241-1			NPD	
3.	Resistance to wind load	Static calculation of wind resistance (Annex 3)	ČSN EN 12424	Class "4"	Class "4" See Annex 4 - Static calculation of wind resistance
4.	Heat transfer coefficient			NPD	
5.	Air permeability			NPD	
6.	Durability of watertight integrity, heat transfer coefficient and air permeability			NPD	
7.	Safety of openings clause 4.2.8 in ČSN EN 13241-1 (or clause 5.3.2 in ČSN EN 12605)	Report No. 090-029706 (Annex 1)	clauses 5.3.2 and 5.4.3 ČSN EN 12605 clauses 5.1.2 and 5.4.2 ČSN EN 12605	verification based on the test guideline	See Report No. 090-029706/1957
8.	Operating forces clause 4.3.3 in ČSN EN 13241-1 (or clause 5.2.4.1 in ČSN EN 12445)	Report No. 090-029706 (Annex 1)	clauses 5.1.1, 5.1.3, 5.1.1.4 ČSN EN 12453 and for safety devices clause 5.1.1.6 in ČSN EN 12453 and ČSN EN 12978	Forces on closing edge $F_{max} < 400N$ $F_{stat} < 150N$ $T_{dyn} \leq 0.75s$ $T_{stat} \leq 5s$	See Report No. 090-029706/1957

4 Annexes

- Annex 1. Test Report No. 090-029706/1957
- Annex 2. Swing gate – test sample – photograph
- Annex 3. Static calculation of wind resistance



END OF REPORT