PROTOCOL

ON THE ASSESSMENT OF PERFORMANCE OF THE PRODUCT

Czech

Registration No. 1017 – CPR – 06.947.575, Revision No. 1

In compliance with Regulation (EU) No 305/2011 of the European Parliament and of the Council of 9 March 2011 laying down harmonised conditions for the marketing of construction products and repealing Council Directive 89/106/EEC, and in compliance with Commission Delegated Regulation (EU) No 568/2014, this protocol is issued for the construction product:

Aluminium sliding gate (gate in fence)

FREJA

HALSANG Sp. z o.o.

Targowisko 551, PL-32-015 Kłaj, Poland
Business ID No: 121541268

Place of production:
Stanisławice 255; Targowisko 551, Poland

TÜV SÜD Czech s.r.o. performed the assessment of performance of the respective product characteristics described in Annex ZA of the standard

EN 13241-1:2003+A1:2011

The number of pages of this Protocol inclusive the title-page: 2

Essential characteristics	Performance	Harmonised technical specification
Resistance to wind load	Class 4	EN 13241-1:2003/A1:2012, article 4.4.3
Safety of openings	Pass	EN 13241-1:2003/A1:2012, article 4.2.8
Operating forces	Pass	EN 13241-1:2003/A1:2012, article 4.2.2, article 4.3.3
Leak of dangerous substances	NPD	EN 13241-1:2003/A1:2012, article 4.2.9

Prague, date 12.03.2015

TÜV SÜD Czech s.r.o. NOTIFIED BODY 1017

on behalf of Notified Body 1017
Jana Bačinová
Head of Certification Department

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1. Equipment specification

Purpose of use:	**Gates intended for installation in a fence of objects allowing the movement of vehicles and people in industrial, commercial or residential premises. They can be controlled manually or electrically.**
Limitations of use:	**It is limited by the parameters of the gates.**
Identification of the product:	**Label pursuant to EN 13241-1:2003+A1:2011**
Technical specifications:	**Single- or double-wing gates; Overall width of gate wings from 4000 to 27000 mm; Height of gate wings from 1000 to 4500 mm; Weight of gate wings from 50 to 700 kg**
Components:	**Motor drives of gates: ELKA, BENINCA; Safety ledges: BIRCHER, ELKA, BENINCA**

2. Material submitted by the manufacturer

- Assembly drawing of gates
- Wind load calculations
- Declarations of conformity from component manufacturers
- Instructions for use

TÜV SÜD Czech s.r.o. TÜV SÜD

3. Sampling the product

Requirements	Sample
Resistance to wind load	Halsang Sprint/Zoran 1000x200+30 cm
Safety of openings	Halsang Sprint/Zoran 13500x2300 mm
Operating forces	Halsang Sprint/Zoran 13500x2300 mm

Date of sampling: 13.02.2014
Place of sampling: Targowisko 551, Poland
Sampling made by: Libor Grygerek

4. Assessment of performance on the basis of tests, calculations, tabulated values, documentation

4.1. Assessment of performance on the basis of tests

Performance	Document	Evaluation
Forces for manual operating	ZZ 0336-2-718 – Sprint Protocol No 06.947.357	Operating force < 260 N, complies.
Forces for motor operating	ZZ 0336-16-718-SPRINT Protocol No 06.947.357	Operating force < 400 N, time of operation of force 150 N < 0.75 s, complies.
Safety of openings	ZZ 0336-8-718-SPRINT Protocol No 06.947.357	The travel of the gate wings did not cause a failure of load-bearing elements nor a deformation of the wings. Complies.

4.2. Assessment of performance on the basis of calculations

Resistance to wind loading >1000 Pa, complies with class 4 pursuant to EN 12424:2000

5. Annex

No annexes

This Protocol is a revision No. 1 of the Protocol No. 1017 – CPR – 06.947.575, issued 03.07.2014.

This language version of the Protocol is a translation of a Czech official version No. 1017 – CPR – 06.947.575, Revision No. 1 issued on 12.03.2015, which is deemed the only one applicable in the event of legal disputes and was printed on 12.03.2015.