



Czech

PROTOCOL

ON THE ASSESSMENT OF PERFORMANCE OF THE PRODUCT

Registration No. 1017 – CPR – 07.918.988

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:

Swing gate (gate in fence)
FRIGG, FRIGG L, FRIGG Mobile, FULLA, VILLA

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




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

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 1000 to 18000 mm. Height of gate wings from 800 to 6000 mm. Weight of gate wings from 50 to 1200 kg.
Components:	Motor drives of gates: ELKA, BENINCA, DAAB/FAAC 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



3. Sampling the product

Requirements	Sample
Resistance to wind load	Halsang FRIGG, FRIGG L, FRIGG Mobile, FULLA, VILLA 1800x240 cm
Safety of openings	Halsang FRIGG, FRIGG L, FRIGG Mobile, FULLA, VILLA 5000x1700 mm
Operating forces	Halsang FRIGG, FRIGG L, FRIGG Mobile, FULLA, VILLA 5000x1700 mm

Date of sampling: 02.06.2014, 16.02.2015, 17.02.2015

Place of sampling: Targowisko 551, Poland

Sampling made by: Ing. Radim Duda, 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-FULLA Protocol No. 07.918.519	Operating force < 260 N, complies.
Forces for motor operating	ZZ 0336-16-718-FULLA-ELKA ZZ 0336-16-718-FULLA-DAAB/FAAC ZZ 0336-16-718-FULLA-BENINCA Protocol No. 07.918.519	Operating force < 400 N, time of operation of force 150 N < 0.75 s, complies.
Safety of openings	ZZ 0336-8-718-FULLA Protocol No. 07.918.519	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 language version of the certificate is a translation of a Czech official version No. 1017 – CPR – 07.918.988 issued on 12.03.2015, which is deemed the only one applicable in the event of legal disputes and was printed on 02.04.2015.