

PROTOCOL

ON THE ASSESSMENT OF PERFORMANCE OF THE PRODUCT



Czech

Registration No. 1017 – CPR – 07.918.989, 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:

Folding gate (gate in fence) VALHALLA; VALHALLA Mobile

HALSANG Sp. z o.o.
Targowisko 551, PI-32-015 Klaj, Poland
Company registration No: 121541268

**Place of production:
Stanisławice 255, Targowisko 551, Poland**

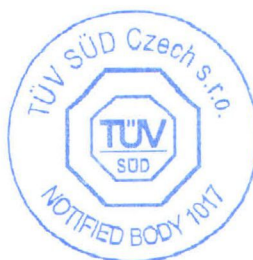
On the basis of testing, calculations, tabulated values and documentation within system 3 according to Annex V 1.4 CPR, TÜV SÜD Czech s.r.o. assessed the relevant characteristics of the product described in Annex ZA of the standard

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 23.03.2017



on behalf of Notified Body 1017
Jana Bačinová
Head of Quality 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:	Four wing gates. Overall width of gate wings from 4000 to 12000 mm. Height of gate wings from 1000 to 4000 mm. Weight of gate wings from 50 to 600 kg.
Components:	Motor drives of gates: ELKA, DAAB/FAAC, MJOLNER Safety ledges: BIRCHER, ELKA, SENTIR GF Entry control Infobric: Controlbox 395

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 VALHALLA/VALHALLA Mobile 1200x250 cm
Safety of openings	Halsang VALHALLA/VALHALLA Mobile 5000x2300 mm
Operating forces	Halsang VALHALLA/VALHALLA Mobile 5000x2300 mm



Date of sampling: 16.02.2015, 25.01.2017

Place of sampling: Targowisko 551, Poland

Sampling made by: Ing. Radim Duda, Libor Grygerek, Ing. Jakub Orlík, Ing. Ondřej Šustai PhD.

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-VALHALLA Protocol No 07.916.490	Operating force < 260 N, complies.
Forces for motor operating	ZZ 0336-16-718-VALHALLA-DAAB/FAAC ZZ 0366-16-718-VALHALLA-ELKA ZZ 0358-HALSANG_MJOLNER Protocol No 07.916.490 and No 10.651.148	Operating force < 400 N, time of operation of force 150 N < 0.75 s, complies.
Safety of openings	ZZ 0336-8-718-VALHALLA Protocol No 07.916.490	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

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

4.3. Assessment of performance on the basis of tabulated values or descriptive documentation

4.3.1. No perform

5. Annex: No annexes.

This certificate is a revision No. 1 of the Certificate No. 07.918.989, issued 12.03.2015.

This language version of the certificate is a translation of a Czech official version No. 1017 – CPR – 07.918.989, revision No. 1 issued on 23.03.2017, which is deemed the only one applicable in the event of legal disputes and was printed on 23.03.2017.