

TMI-245/2008

CERTIFICATE
about the
FIRE SAFETY COMPLIANCE
of

**HÖRMANN HH60 C-1 and HÖRMANN HH60 D-2 thick and thin rebate fire resistant
steel doors**

furnished with Technical Approval (ÉME) No. **A-297/2006**

Product description:

HÖRMANN HH60 C-1 and HÖRMANN HH60 D-2 thick and thin rebate fire resistant steel doors.

Applicant and holder of Fire Safety Conformity Certificate (TMI):

HÖRMANN Hungária Kft.
2310 Szigetszentmiklós, Leshegy u. 15

Manufacturer:

HÖRMANN KG Freisen
Industriegelände
D-66629 Freisen, Németország

Distributor:

HÖRMANN Hungária Kft.
2310 Szigetszentmiklós, Leshegy u. 15

ÉMI Kft. issues this Certificate on the basis of assessing the test results detailed in the Technical Approval No. **A-297/2006** dated **17 October 2006**, and furthermore by providing details, conditions and regulations identified overleaf (and also on additional pages).


Field of application of the construction item:

The product is used indoors as the fire resistant door structure of a building.

The Fire Safety Conformity Certificate is valid until **31 October 2011**.

Budapest, 27 February 2009

(seal)



Dr. Tamas Banky
Director for Sciences

This Fire Safety Conformity Certificate comprises 3 pages and ... Enclosure(s) representing an integral part of this document.

Description of inspection unit:

EMI Kht. Department of Fire Safety Sciences (1113 Budapest, Diószegi út 37) and
Fire Safety Laboratory* (2000 Szentendre, Dózsa György út 26)

* The Fire Safety Laboratory is a full rights member of EGOLF (European Group of Organisations for Fire Testing; Inspection and Certification).

Brief description and technical details of the products:

The frame structure of HÖRMANN HH60 C-1 single leaf and HÖRMANN HH60 D-2 double leaf thick and thin rebate fire resistant steel doors consists of steel profiles. The lateral and upper parts of the frame components of door leaves are made of flat steel and the bottom part from a steel C profile. The thick and thin rebate door leaves come in glazed and solid designs.

The HÖRMANN HH60 C-1 single leaf, thick and thin rebate fire resistant (EI60) steel doors have the following layers in the leaf structure:

- 1.0mm steel plate
- 63mm mineral wool board
- 1.0mm steel plate

(total thickness: approx. 65mm)

The HÖRMANN HH60 D-2 double leaf, thick and thin rebate fire resistant (EI 60) steel doors have the following layers in the leaf structure:

- 1.0mm steel plate
- 9.5mm gypsum plasterboard
- 33mm mineral wool board
- 9.5mm gypsum plasterboard
- 1.0mm steel plate

(total thickness: approx. 55mm)

Glazing type used: Promaglas 60 Typ 1 (glazing thickness: 21mm). The hydraulic door closers are made by DORMA or GEZE. Door structures are designed with various accessories.

Statutory provisions, standards and specifications observed in testing the product:

MSZ 14800-5: 1994, MSZ EN 13501-2: 2008, and Part 5 of the National Fire Safety Code issued with the Decree 9/2008 (II. 22) ÖTM.

Planning/conformity certification/type testing rates:

Product characteristics (and units)	Rate/details	Testing/assessment method
Fire resistance limit (minutes)	EI 60	MSZ 14800-5: 1994 MSZ EN 13501-2: 2008
HÖRMANN HH60 C-1	EI 60	
HÖRMANN HH60 D-2		
Fire resistance grade (-)	A1	Part 5 of the Decree 9/2008 (II. 22) ÖTM

Conditions under which the products are fit for the intended purpose:

Without further inspection, the structures may be applied in the following sizes:

HÖRMANN HH60 C-1 single leaf, thick and thin rebate fire resistant (EI60) door structures:
(width × height)

- min. size: 625 × 1750mm
- max. size: 1250 × 2500mm
- max. size of door glazing: 800 × 1700mm

HÖRMANN HH60 D-2 double leaf, thick and thin rebate fire resistant (EI 60) door structures:

- min. size: (width × height) 1375 × 1750mm
- max. size: 2500 × 2500mm
- max. size of door glazing: 625 × 1315mm

The structures may have Promaglas 60 Typ 1 glazing.

The door structures can be built into drywall, brick, concrete, and reinforced concrete masonry.

The HÖRMANN HH60 C-1 and HÖRMANN HH60 D-2 fire resistant steel doors may only be used indoors.

In places where the air infiltration rate (L4) covering fire resistant doors applies, fire resistant doors having thresholds may only be fitted.


When using the product, the specifications of the operating instructions prepared by the manufacturer shall be observed.


The Hungarian version of the installation guidelines (operating instructions) shall be attached to the product.


The holder of the TMI is obliged to report any change in the design, material or manufacturing conditions of the product. Next, it will be ÉMI Kht's turn to decide whether the TMI continues to be in force or a new process is to be initiated with the TMI withdrawn.

This TMI does not cover all technical characteristics of the product, does not substitute other permits (e.g. the Technical Approval ÉME) required for distributing, applying, installing and using the product and does not make the manufacturer or the distributor eligible for showing the conformity marking CE on the product or its packaging.

TMI may only be copied in its entirety. For publication as an abstract, the previous written consent of ÉMI Kht. is required.


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Testing Engineer


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