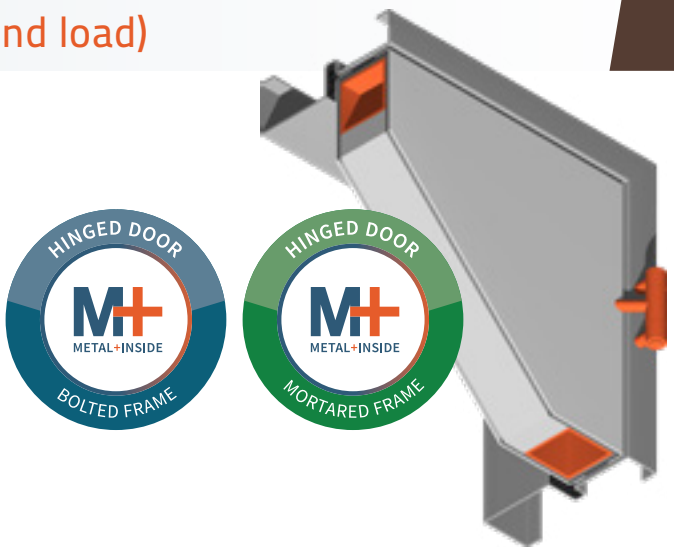
Wind resistance

FTHE 0063 - V-Value (EN 12210: Windows and doors - Resistance to wind load)

All Heinen doors are constructed on the basis of the METAL+ concept, lending them superior basic performance standards.



V-VALUE OBTAINED | SINGLE & DOUBLE DOORS

Opening direction	Pressure P1	Pressure P2	Pressure P3	Result
Exterior or interior opening	1600 Pa	800 Pa	2400 Pa	V*C4

CLASSIFICATIONS TABLES

Wind pressure

Class	P1 (Deformations measures)	P2 (Pressure repeated 50 times)	P3 (Safety test)
	no test		
1	400	200	600
2	800	400	1200
3	1200	600	1800
4	1600	800	2400
5	2000	1000	3000
E xxxx[a]	xxxx		

Relative normative arrow

Class	Relative normative arrow
A	< 1/150
B	< 1/200
C	< 1/300

[a] = A test body tested with a wind pressure higher than class 5 is classified EXXXX = where xxxx is the actual test pressure P1 (for example: E 2600)

DIMENSIONS TESTED

Single door	Width	Height	Surface
Door frame	1190	2358	2,81 m²
Opening	1210	2388	-

Double door	Width	Height	Surface
Door frame	2100	2358	4,95 m²
Opening	2120	2388	-

DIMENSIONAL EXTENSIONS

▪ – 100 % to + 50 % of the total surface of the test body

▪ Any increase / and / or decrease in size (width and / or height) is therefore possible, provided that the total surface of the test body (W x H Doorframe) is not larger than :

Dimension limit	Door frame surface
Single door	2,81 m²
Double door	4,95 m²

TESTS PERFORMED BY THE CSTC-WTCB | *Scientific and Technical Center for Construction*

The CSTC-WTCB is notified as a test laboratory within the framework of the directive 89/106/EEG of the European Commission under number 1136

According to standards :

NBN EN 14351-1 (2006) : «Windows and doors - Product standard, performance characteristics - Part 1: Windows and exterior door units for pedestrians»

NBN EN 12211 (2000) : «Windows and doors - Resistance to wind load - Test method»
NBN EN 12210 (2000) : «Windows and doors - Resistance to wind load - Classification»

www.heinen-doors.com

For BIM files, please consult us. Our products are certified CE

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