

HUECK product pass for windows according to EN 14 351 - 1 2014-W-11

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Basic information

EN 14 351 - 1 (2010 - 08)
 Windows and pedestrian doors

Test reports

EHL 2015-02-11

ift 14-000016-PR09
 ift 14-000016-PR10
 ift 14-000016-PR16
 ift 14-000016-PR17
 ift 14-000639-PR01
 ift 14-002284-PR13
 ift 14-002395-PR02

PIV 45-27/14
 PIV 45-29/15
 PIV 45-76/15
 PIV 45-103/14

The Hueck product pass describes the general properties of the given product family according to the specifications given in the product standard.

The classifications apply to the described specimen shown in the tables and are valid for the defined application range.

For the applicability of classifications local building laws and contractual agreements apply.

Content

The Hueck system pass comprises a total of 7 pages:

1. Summary of performance characteristics in according with EN 14 351 - 1
2. General conditions
3. Short description of the product family
4. Overview of performance characteristics

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System **HUECK Lambda WS 090 IS**

Product family 1. Turn, tilt and turn, tilt window and window doors
 2. Fixed glazing
 3. Double casement window

Frame material Aluminum plastic compound

Properties / classes (according to EN 143351 - 1, annex ZA.1)

Resistance to wind load	Resistance to snow and loads	Safety in case of fire	Water tightness	Dangerous substances	Impact resistance	Load bearing capacity of safety devices
up to C4 / B4	npd	npd	up to E 900	see chapter 4	npd	passed

Height and width	Automatic opening device	Acoustic performance	Thermal performance	Radiation properties	Air permeability	Operating forces
2)	2)	up to R _w (C; C _{tr}) 49 (-1; -4) dB	1)	1)	4	1

Further properties / tests

Mechanical strength	Ventilation	Bullet resistance	Explosion resistance	Mechanical durability	Behaviour between different climates	Burglar resistance
4	npd	npd	npd	3	2)	up to RC 2

1) project certificate - if required

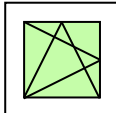
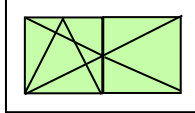
2) non mandated property for windows

Lüdenscheid, 01. December 2015

i.V.

Günther Weiß

1. Summary of performance characteristics in according with EN 14351-1

Lfd. Nr.	Performance characteristics according to EN 14 351 - 1	Product family 1 / 2	Product family 2
			
		Turn, tilt and turn, tilt window and window door and fixed glazing	Double casement window
4.2	Resistance to wind load	C4 / B4	C3 / B4
4.3	Resistance to snow and permanent load	not applicable	
4.4	Safety in case of fire	npd	npd
4.5	Water tightness	9A	E 900
4.6	Dangerous substances	The manufacturer has to declare substances which when used as prescribed cause danger to hygiene, health or the environment by emission or migration in accordance with the local requirements.	
4.7	Impact resistance	npd	npd
4.8	Load-bearing capacity of safety devices	passed	npd
4.9	Height and width	not applicable	
4.10	Automatic opening device	not applicable	
4.11	Acoustic performance	R _w (C; C _{tr}) up to 49 (-1; -4) dB	npd
4.12	Thermal performance	U _w values for standard size 1.23 m x 1.48 m or 1,48 m x 2.18 m or project related have to be declared U _r ≥ 1,1 W/m ² K	
4.13	Radiation properties	The total solar energy transmittance g and light transmittance are τ object based evidence by the CE marking of the glazing	
4.14	Air permeability	4	4
4.16	Operating forces	1	npd
4.17	Mechanical strength	4	npd
4.18	Ventilation	npd	npd
4.19	Bullet resistance	npd	npd
4.20	Explosion resistance	npd	npd
4.21	Mechanical durability	3	npd
4.22	Behaviour between different climates	not applicable	
4.23	Burglar resistance	up to RC 2	npd