

## HUECK product pass for windows according to EN 14 351 - 1 2014-W-08 R1

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### Basic information

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

### Test reports

ift 11-001651-PR01  
 ift 11-001651-PR02  
 PIV 23-22/11E  
 PIV 40-8/11  
 PIV 45-1/13  
 PIV 45-84/12  
 SG 1311-001-11  
 SG 1311-002-11  
 SG 1429-001-13  
 SG 7459-001-13

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 the benefits of each product family

*System supplier* Hueck GmbH & Co. KG  
 Loher Straße 9  
 58511 Lüdenscheid

*System* **Lambda 100**

*Product family* 1. Tilt and turn countersash window  
 2. Fixed glazing  
 3. „openable“ fixed glazing

*Frame material* Aluminium 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 C5	npd	npd	E1200	see chapter 4	npd	npd

Height and width	Automatic opening device	Acoustic performance	Thermal performance	Radiation properties	Air permeability	Operating forces
2)	2)	R <sub>w</sub> (C; C <sub>tr</sub> ) up to 49 (-2; -7)	1)	1)	4	npd

### Further properties / tests

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

1) project certificate – if required

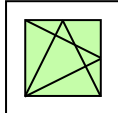
2) non mandated property for windows

Lüdenscheid, 16. December 2014

i.V. 

Günther Weiß

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

No..	Performance characteristics according to EN 14 351 – 1	Product family 1 - 3
		
		<b>Tilt and turn countersash windows, fixed glazing and „openable“ fixed glazing</b>
4.2	Resistance to wind load	up to C5
4.3	Resistance to snow and permanent load	not applicable
4.4	Safety in case of fire	npd
4.5	Water tightness	E 1200
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
4.8	Load-bearing capacity of safety devices	npd
4.9	Height and width	not applicable
4.10	Automatic opening device	not applicable
4.11	Acoustic performance	npd
4.12	Thermal performance	Uw 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 Ur = 1,1 – 2,8 W/m²K
4.13	Radiation properties	The total solar energy transmittance g and light transmittance are r object based evidence by the CE marking of the glazing
4.14	Air permeability	4
4.16	Operating forces	npd
4.17	Mechanical strength	npd
4.18	Ventilation	npd
4.19	Bullet resistance	npd
4.20	Explosion resistance	npd
4.21	Mechanical durability	npd
4.22	Behaviour between different climates	npd
4.23	Burglar resistance	up to RC 2