

**HUECK system pass  
window  
in accordance to EN 14 351 – 1**

**2010-W-01-R1-E**

**HUECK**

*System supplier* Eduard Hueck GmbH & Co. KG  
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*System* **Lambda 65 M**

*Product line* 1. Turn, tilt and turn, tilt window and window doors  
2. Parallel sliding and tilting windows and window doors  
3. Double casement windows and window doors  
4. Fixed glazing

*Frame material* Aluminium plastic compound profile

**Basic information**

EN 14 351 – 1 (2006 – 03)  
Fenster und Außentüren

**Audit report**

ift 101 32468/1  
ift 101 32468/2  
ift 101 32468/3  
ift 101 32468/4  
ift 101 32468/5  
ift 102 35807  
ift 102 41658/1  
ift 161 37013/2  
ift 432 33985/2

**Properties / Classes**

Resistance to wind load  <b>to C5 / B5</b>	Resistance to snow and permanent load  <b>npd</b>	Safety in case of fire  <b>npd</b>	Water tightness  <b>to E 1050</b>	Dangerous substances  See section 4	Impact resistance  <b>1</b>	Load-bearing capacity of safety devices  <b>passed</b>
Height and width  2)	Automatic opening device  2)	Acoustic performance  <b>R<sub>w</sub> (C; C<sub>tr</sub>) bis 46 (-2; -6)</b>	Thermal performance  1)	Radiation properties  1)	Air permeability  <b>4</b>	Operating forces  <b>1</b>
Mechanical strength  <b>4</b>	Ventilation  <b>npd</b>	Bullet resistant  <b>npd</b>	Explosion resistant  <b>npd</b>	Mechanical durability  <b>2</b>	Behavior between different climates  2)	Burglar resistant  <b>to WK 3</b>

PIV 23-2/10  
PIV 23-3/09E  
PIV 23-4/09  
PIV 23-19/09E  
PIV 40-66/09

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 10 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

1) project certificate – if required      2) non mandated property for windows

Lüdenscheid, 23. November 2011

i.V. 

Günther Weiß  
K-SE

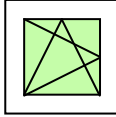
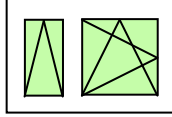
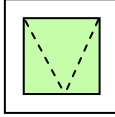
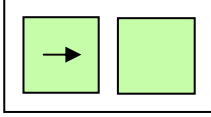
Rechtsform:  
Kommanditgesellschaft  
Sitz Lüdenscheid  
HRA 3081 · AG Iserlohn

Persönlich haftende Gesellschafterin:  
Hueck Geschäftsführungsgesellschaft mbH  
Sitz Lüdenscheid  
HRB 2780 · AG Lüdenscheid

Geschäftsführer der persönlich haftenden Gesellschafterin:  
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Umsatzst. ID-Nr. DE 125804843  
St.-Nr. 5/332/5768/0181

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

Lfd. Nr.	Performance characteristics in according with EN 14 351 - 1	Product family 1	Product family 2	Product family 3	Product family 4
					
		Turn, tilt and turn, tilt window and window door and fixed glazing	French window and window door	Top hung projecting out window, side-hung window outward opening	Parallel sliding and tilting window and window door
4.2	Resistance to wind load	C2 / B2 to C5 / B5	C3 / B3	C5	C3
4.3	Resistance to snow and permanent load	not applicable	not applicable	not applicable	not applicable
4.4	Safety in case of fire	npd	npd	npd	npd
4.5	Water tightness	8A – E 1050	E 900	E 750	9A
4.6	Dangerous substances	npd	npd	npd	npd
4.7	Impact resistance	1	npd	npd	npd
4.8	Load-bearing capacity of safety devices	passed	passed	passed	npd
4.9	Height and width	not applicable	not applicable	not applicable	not applicable
4.10	Automatic opening device	not applicable	not applicable	not applicable	not applicable
4.11	Acoustic performance	$R_w$ (C; $C_{tr}$ ) up to 46 (-2; -6)	npd	npd	npd
4.12	Thermal performance	U values for standard size 1.23 m x 1.48 m or 1,48 m x 2.18 m or object-related has to be declared			
4.13	Radiation properties	The total solar energy transmittance g and light transmittance are $\tau$ object-based evidence by the CE mark of the glazing			
4.14	Air permeability	4	4	4	4
4.16	Operating forces	1	1	2	npd
4.17	Mechanical strength	4	4	npd	npd
4.18	Ventilation	npd	npd	npd	npd
4.19	Bullet resistant	npd	npd	npd	npd
4.20	Explosion resistant	npd	npd	npd	npd
4.21	Mechanical durability	2	2	npd	npd
4.22	Behaviour between different climates	npd	npd	npd	npd
4.23	Burglar resistant	up to WK 3	not applicable	not applicable	not applicable