VILJANDI
windows • doors

Declaration of performance characteristics of door type FD09

Producer: AS VILJANDI AKEN JA UKS, reg no 10052966, Puidu 6, 71020 Viljandi, Estonia

Hereby declares that

Product: internal door **FD09**
Product description: hinged timber leaf hung in timber frame, fire resistant single leaf wooden door.
Intended use or uses of the construction product: for closing entrances between the fire compartments of heated working and living premises.
Systems of assessment and verification of constancy of performance of the construction product: system 1

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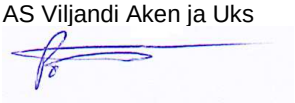
Confirms with following characteristics:

No	Characteristics	Test or calculation standard	Classification standard	Unit	Class/ value	Test report	Notified body*
1.	Resistance to vertical load	EN 947	EN 1192	Class	4	No. 077 SŠF/11 SDV	2018
2.	Resistance to static torsion	EN 948		Class	4	No. 077 SŠF/11 SDS	
3.	Resistance to soft and heavy body impact	EN 949		Class	4	No. 077 SŠF/11 SDM	
4.	Resistance to hard body impact	EN 950		Class	4	No. 077 SŠF/11 SDK	
5.	Resistance to repeated opening and closing	EN 1191	EN 12400	Class	6	No. DD-146-15-003	1336
6.	Self-closing	EN 1191	EN 14600	Class	C5		
7.1.	Sound insulation (threshold 27mm)	EN ISO 140-3	EN ISO 717-1	dB	39	PX06635-C	0402
7.2.	Sound insulation with mechanical threshold	EN ISO 10140-2	EN ISO 717-1	dB	37	VTT-S-07801-13	0809
7.3.	Sound insulation with letterbox, door viewer, doorbell	EN ISO 10140-2	EN ISO 717-1	dB	37	VTT-S-05804-14	
7.4,	Sound insulation (threshold 20 or 25mm)	EN ISO 10140-2	EN ISO 717-1	dB	38	VTT-S-02506-12	
7.5.	Sound insulation (1R glass opening, wooden threshold)	EN ISO 10140-2	EN ISO 717-1	dB	38	VTT-S-00121-16	
	Sound insulation (1R glass opening, Planet FT)				36		
8.1.	Fire resistance FD09	EN 1634-1	EN 13501-2	Class	$EI_1 30$	521-15TPU	1526
8.2.	Fire resistance FD09EX1				$EI_2 30$	PX08581-5	0402
8.3.	Fire resistance FD09EX2					PX08581-6	
9.	Smoke control	EN 1634-3	EN 13501-2	Class	Sa/S_{200}	4P06761	0402

***Notified body:**
2018 – KTU Science Laboratory of Building Thermal Physics, Tunelio g. 60, LT-44405 Kaunas, Lithuania
1336 – Inspecta Estonia OÜ, Teaduspargi 8, 12618 Tallinn, Estonia
0402 – SP Technical Research Institute of Sweden, Box 857, SE-501 15 Borås, Sweden
0809 – VTT Technical Research Centre of Finland P.O. Box 1000, FI-02044 VTT, Finland
1526 – TÜV Eesti OÜ, Vana-Narva mnt 24B, 74114 Maardu, Estonia

- Products are produced according to standardisation proposal SFS 4434 in case it is not in conflict with European standards.
- Products are installed according to the product installation and maintenance instructions.
- “Warranty conditions for doors and windows sold by AS Viljandi Aken ja Uks” apply to the sale of products.

AS Viljandi Aken ja Uks



Veiko Põldsaar
R&D Manager

12.01.2017

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