

Declaration of Performance

DoP: ED178-T2-60v01

- Product type code: **ED178-T2-60**
- Product: **external fire resistance door**
- Intended use or uses of the construction product: **in domestic and commercial locations**
- Manufacturer: **AS Viljandi Aken ja Uks
Puidu 6, 71020 Viljandi, Estonia
Tel. (+372) 433 0610
E-Mail: vau@vau.ee**

- System or systems of assessment and verification of constancy of performance of the construction product: **system 1 and 3**

- Harmonised standard: **EN 16034:2014
EN 14351-1:2006+A2:2016**

- Notified body: initial type testing performed by NB and issued test/calculation reports:
NB 1336 Inspecta Estonia OÜ
NB 1526 TÜV Estonia Ltd
NB 0809 Eurofins Expert Services Oy

- Declared performance:

Product	IGU	System 1			System 3						
		Fire resistance - E, EI, EI ₂ , EW (EN 13501-2)	Smoke resistance (EN 13501-2)	Self-closing (EN 1191)	Watertightness (EN 12208)	Resistance to wind load - test pressure (EN 12210)	Resistance to wind load - frame deflection (EN 12210)	Acoustic performance dB (EN ISO 717-1)	Thermal transmittance W/m ² K (EN ISO 10077-1)	Air permeability (EN 12207; EN 14351-1)	
ED178-T2-01	-	EI 60	npd	npd	7B	3	C	38 dB	0,84	4	
ED178-T2/vk-01	P 44.218r14 Se+Py60	EI 60	npd	npd	7B	3	C	40 dB	1	4	
ED178-T2/vk-02	P 44.2418r12+12 S+S+Py60	npd	npd	npd	7B	3	C	npd	0,96	4	
ED178-T2/vk-03	P 44..146r12+10 S+Kir+S	npd	npd	npd	7B	3	C	npd	0,95	4	
ED178-T2/vk-04	P 44..146r12+10 Se+Kir+Se	npd	npd	npd	7B	3	C	npd	0,97	4	
ED178-T2/vk-05	P 44..1444..1r10+10 S+Kir+S	npd	npd	npd	7B	3	C	npd	0,96	4	
ED178-T2/vk-06	P 44..1444..1r10+10 Se+Kir+Se	npd	npd	npd	7B	3	C	npd	0,96	4	
ED178-T2/sk-01	P 44.218r14 Se+Py60	EI 60	npd	npd	7B	3	C	41 dB	1,31	4	

ED178-T2/sk-02	P 44.2418r12+12 S+S+Py60	npd	npd	npd	7B	3	C	npd	1,03	4
ED178-T2/sk-03	P 44..146r12+10 S+Kir+S	npd	npd	npd	7B	3	C	npd	1,07	4
ED178-T2/sk-04	P 44..146r12+10 Se+Kir+Se	npd	npd	npd	7B	3	C	npd	1,11	4
ED178-T2/sk-05	P 44..1444..1r10+10 S+Kir+S	npd	npd	npd	7B	3	C	npd	1,1	4
ED178-T2/sk-06	P 44..1444..1r10+10 Se+Kir+Se	npd	npd	npd	7B	3	C	npd	1,03	4

Note! npd: *no performance determined.*

vk - small glass opening
sk - large glass opening

r - warm spacer Chromatech Ultra F
S - energy glass 1,1
Se - energy glass 1,0

The performance of the product identified in points 1 and 2 is in conformity with the declared
This declaration of performance is issued under the sole responsibility of the manufacturer

Signed for and on behalf of the manufacturer by:

Veiko Põldsaar
R&D Manager
24.11.2023

