

Declaration of Performance

DoP: VHRALv01

1. Product type code: **VHRAL - openable window**
VHFRAL - fixed window
2. Product: **Window**
3. Intended use or uses of the construction product: **in domestic and commercial locations**
4. Manufacturer: **AS Viljandi Aken ja Uks**
Puidu 6, 71020 Viljandi, Eesti
Tel. (+372) 433 0610
E-Mail: vau@vau.ee
5. System or systems of assessment and verification of constancy of performance of the construction product: **system 3**
6. Harmonized standard: **EN 14351-1:2006+A2:2016**
7. Notified body: Initial type testing performed by NB and issued test/calculation reports:
NB 1526 - TÜV Estonia Ltd
NB 0402 - SP Technical Research Institute of Sweden
NB 0809 - VTT Technical Research Centre of Finland
NB 0757 - ift Rosenheim GmbH
8. Declared performance:

Unique identification code of the product-type	Triple glazing	Watertightness (EN 12208)	Dangerous substances	Resistance to wind load - test pressure (EN 12210)	Resistance to wind load - frame deflection (EN 12210)	Load-bearing capacity of safety devices	Acoustic performance Rw(C;Ctr)	Thermal transmittance Uw [W/(m²K)]	Air permeability (EN 12207; EN 14351-1)	Glass G value	Glass LT (%)
VHRAL-00	-	npd	npd	npd	npd	npd	npd	npd	4	-	-
VHRAL-01	P 444a15+15 S+Kir+S	E1200	npd	4	C	npd	33 dB (-1;-5)	1,1 W/(m²K)*	4	0,53	73,5
VHRAL-02	P 444r15+15 S+Kir+S	E1200	npd	4	C	npd	33 dB (-1;-5)	0,98 W/(m²K)*	4	0,53	73,5
VHRAL-03	P 444sU15+15 Se+Kir+Se	E1200	npd	4	C	npd	33 dB (-1;-5)	0,92 W/(m²K)	4	0,37	56,7
VHRAL-04	P 444sU14+16 Se+Kir+Se	E1200	npd	4	C	npd	33 dB (-1;-5)	0,95 W/(m²K)	4	0,41	58
VHRAL-05	P 644 14+15	E1200	npd	4	C	npd	37 dB (-1;-4)	npd	4	-	-
VHRAL-06	P 44:144 10+16	E1200	npd	4	C	npd	39 dB (-1;-5)	npd	4	-	-
VHRAL-07	P 644 12+16	E1200	npd	4	C	npd	37 dB (-1;-5)	npd	4	-	-
VHRAL-08	P 444 10+20	E1200	npd	4	C	npd	34 dB (-2;-6)	npd	4	-	-
VHRAL-09	P 444 15+15	E1200	npd	4	C	npd	npd	npd	4	-	-
VHRAL-10	P 444r15+15 Kir+Kir+S	E1200	npd	4	C	npd	npd	1,2 W/(m²K)	4	0,59	74,5
VHRAL-11	P 846 14+10	E1200	npd	4	C	npd	38 dB (-1;-4)	npd	4	-	-
VHRAL-12	P 444sU15+16 S+Kir+Se	E1200	npd	4	C	npd	33 dB (-1;-5)	0,94 W/(m²K)	4	0,44	64,1
	P 444sU15+16 Af+S+Se	E1200	npd	4	C	npd	33 dB (-1;-5)	0,94 W/(m²K)	4	0,41	58
VHFRAL-00	-	npd	npd	npd	npd	-	npd	npd	4	-	-
VHFRAL-01	P 444a15+15 S+Kir+S	E1200	npd	4	C	-	31 dB (-1;-5)	0,98 W/(m²K)*	4	0,53	73,5
VHFRAL-02	P 444r15+15 Af+S+Se	E1200	npd	4	C	-	31 dB (-1;-5)	0,79 W/(m²K)	4	0,41	58
VHFRAL-03	P 444 15+15	E1200	npd	4	C	-	31 dB (-1;-5)	npd	4	-	-
VHFRAL-04	P 444 10+20	E1200	npd	4	C	-	30 dB (-1;-5)	npd	4	-	-
VHFRAL-05	P 644 14+14	E1200	npd	4	C	-	35 dB (-1;-4)	npd	4	-	-
VHFRAL-06	P 846 14+10	E1200	npd	4	C	-	37 dB (-2;-5)	npd	4	-	-
VHFRAL-07	P 44.246 12+12	E1200	npd	4	C	-	38 dB (-2;-5)	npd	4	-	-

Note! npd: no performance determined.

*window size 1,2 x 1,2 m

a - aluminium spacer

r - Chromatech Ultra F
sU - Swisspacer ULTIMATE
S - energy glass 1,1
Se - energy glass 1,0
Af - Antifog glass

9. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8.
This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Veiko Põldsaar

R&D Manager

23.09.2025

A handwritten signature in blue ink, consisting of a stylized initial 'V' followed by a long horizontal stroke that tapers to the right.