



Declaration of Performance

DoP: MEKALv01

1. Product type code: **MEKAL**
2. Product: **Fixed 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**
8. Declared performance:

Unique identification code of the product-type	Triple glazing	Watertightness (EN 12208)	Air permeability (EN 12207; EN 14351-1)	Resistance to wind load - test pressure (EN 12210)	Resistance to wind load - frame deflection (EN 12210)	Dangerous substances	Load-bearing capacity of safety devices	Acoustic performance R_w (C, Ctr) (EN14351-1:2006 (B.3))	Thermal transmittance U_w [W/m ² K]	Klaasi soojusjuhtivus U_g (W/m ² .K)	Glass LT (%)	Glass G value
MEKAL-00		npd	4	npd	npd	npd	npd	npd	npd	-	-	-
MEKAL-01	P 444a15+15 S+Kir+S	E750	4	3	C	npd	npd	34 (-1; -5)	npd	0,52	74,3	73,50
MEKAL-02	P 444a20+20 Se+Kir+Se	E750	4	3	C	npd	npd	34 (-1; -5)	npd	0,47	58,5	0,38
MEKAL-03	P 444sU20+20 S+Kir+S	E750	4	3	C	npd	npd	34 (-1; -5)	npd	0,52	74,3	0,54
MEKAL-04	P 444sU20+20 Se+Kir+Se	E750	4	3	C	npd	npd	34 (-1; -5)	npd	0,47	58,5	0,38
MEKAL-05	P 646r18+18 S+Kir+S	E750	4	3	C	npd	npd	37 (-1; -6)	npd	0,48	57,8	0,37
MEKAL-06	P 644r18+20 Se+Kir+Se	E750	4	3	C	npd	npd	35 (-1; -5)	npd	0,52	73,8	0,53
MEKAL-07	P 646sU18+18 S+Kir+S	E750	4	3	C	npd	npd	37 (-1; -6)	npd	0,48	57,8	0,37
MEKAL-08	P 644sU18+20 Se+Kir+Se	E750	4	3	C	npd	npd	35 (-1; -5)	npd	0,52	73,8	0,53
MEKAL-09	P 33.144r18+20 Se+Kir+Se	E750	4	3	C	npd	npd	36 (-1; -6)	npd	0,47	58,0	0,36
MEKAL-10	P 33.1433.1r18+18 Se+Kir+Se	E750	4	3	C	npd	npd	36 (-1; -5)	npd	0,47	57,4	0,36
MEKAL-11	P 44.1444.1r16+15 Se+Kir+Se	E750	4	3	C	npd	npd	37 (-1; -5)	npd	0,52	56,7	0,35
MEKAL-12	P 644r18+20 Skn+Kir+Se	E750	4	3	C	npd	npd	35 (-1; -5)	npd	0,47	56,3	0,30
MEKAL-13	P 644r18+20 Skn1+Kir+Se	E750	4	3	C	npd	npd	35 (-1; -5)	npd	0,47	49,3	0,27
MEKAL-14	P 444a20+20 S+Kir+S	E750	4	3	C	npd	npd	34 (-1; -5)	npd	0,52	74,3	0,54

Note! npd: no performance determined.

*1230 x 1480 mm

a - aluminium spacer
r - Chromatech Ultra F
sU - Swisspacer ULTIMATE
S - energy glass 1,1
Se - energy glass 1,0
Skn - Cool-lite SKN 176 (SGG)/SunGuard® SN 70S (Guardian)
Skn1 - Cool-lite SKN 165 (SGG)

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