Declaration of performance

ESD/DOP-Nr.609

1. Product system	Gealan Linear
2. Application	Inward opening windows, fixed frame windows and balcony doors for residential and non-residential construction
3. Manufacturer	UAB “Aradas”, registration number 301818042 Gamybos str. 12, LT-62175, Alytus, Lithuania
4. Performance assessment system	3
5. Conformity standard:	EN 14351-1:2006 + A2:2016
6. Notified testing authority:	Institute für Fenstertechnike e.V., Rosenheim (nr 075)

This declaration of conformity is issued under the sole responsibility of the manufacturer. Products in the table below are in accordance with EN 14351-1:2006 + A2:2016 standard and verified by assessment of the notified bodies.

Characteristics	Turn/Tilt window	Kipp window	Fixed frame window	Combination window *c	Single sash Turn/Tilt balcony door	Double sash Turn/Tilt balcony double sash door
Product ID	**PK**	**KF**	**PF**	**PK-FR**	**TK**	**DK**
Product measurements	1230x1480	1230x1480	1230x1480	2000x1480	1230x2180	2000x2180
Air permeability (EN 12207)	4	4	4	4	4	4
Water tightness (EN 12208)	C5 / B5	C5 / B5	C5 / B5	C2 / B3	C5 / B5	C1 / B2
Wind resistance (EN 12210)	9A	9A	9A	9A	9A	9A
Thermal tarnsmittance U_w (EN ISO 10077-1 & EN ISO 10077-2), W/m² K	1,2	1,2	1,2	1,2	1,2	1,2
Light transmission T_L, % (EN 410)	82	82	82	82	82	82
Solar energy transmission g, % (EN 410)	65	65	65	65	65	65
Acoustic perfomance (EN ISO 140-1:1997+A1:2004), R_w (C;C_{tr}) dB	34*a	34*a	34*a	34*a	34*a	34*a

* formula of glass panel (4-16ar (CHR-U)-4 XN) – 2 layers of glass. Inner glass with selective coating, outer glass is clear glass. Warm edge is inlcuded in gap Chromatech Ultra, gap is fillied with argon gas – 90%;
*a 2 layers of glass. Glass configuration 4 float / 16 cavity (AR) / 4 float

On behalf of manufacturer signed by:

Arturas Radzevičius

Product technologist - constructor

UAB “Aradas“

LT-62175, Alytus

Declaration of performance

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Characteristics	Turn/Tilt window	Kipp window	Fixed frame window	Combination window *c	Single sash Turn/Tilt balcony door	Double sash Turn/Tilt balcony double sash door
Product ID	**PK**	**KF**	**PF**	**PK-FR**	**TK**	**DK**
Product measurements	1230x1480	1230x1480	1230x1480	2000x1480	1230x2180	2000x2180
Air permeability (EN 12207)	4	4	4	4	4	4
Water tightness (EN 12208)	C5 / B5	C5 / B5	C5 / B5	C2 / B3	C5 / B5	C1 / B2
Wind resistance (EN 12210)	9A	9A	9A	9A	9A	9A
Thermal tarnsmittance U_w (EN ISO 10077-1 & EN ISO 10077-2), W/m² K	0.79	0.79	0.76	0.84	0.76	0.8
Light transmission T_L, % (EN 410)	74	74	74	74	74	74
Solar energy transmission g, % (EN 410)	54	54	54	54	54	54
Acoustic perfomance (EN ISO 140-1:1997+A1:2004), R_w (C;C_{tr}) dB	47*a	47*a	47*a	47*a	47*a	47*a

* formula of glass panel (4XN-18ar (CHR-U)-4-18ar (CHR-U)-4 XN) – 2 layers of glass. Inner glass with selective coating, outer glass is clear glass. Warm edge is inlcuded in gap - Chromatech Ultra, gap is fillied with argon gas – 90%;
*a 3 layers of glass. Glass configuration 44.2 SS (acoustic foil) / 12 cavity (AR) / 4 float / 12 cavity (Ar) / 44.2 SS (acoustic foil)

On behalf of manufacturer signed by:

Arturas Radzevičius

Product technologist - constructor

UAB “Aradas“

LT-62175, Alytus