# Declaration of performance

ESD/DOP-Nr.611

| | |
|---|---|
| 1. Product system | Gealan Linear |
| 2. Application | Terrace doors with PVC threshold for residential and non-residential construction |
| 3. Manufacturer | UAB “Aradas”, registration number 301818042<br>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 | Single sash inward opening Terrace door | Single sash outward opening Terrace door | Double sash inward opening Terrace door | Double sash outward opening Terrace door |
|---|---|---|---|---|
| **Product ID** | **ETD** | **ETD** | **EDT** | **EDT** |
| **Product measurements** | 1100x2180 | 1100x2180 | 2000x2180 | 2000x2180 |
| **Air permeability (EN 12207)** | NPD | NPD | NPD | NPD |
| **Water tightness (EN 12208)** | NPD | NPD | NPD | NPD |
| **Wind resistance (EN 12210)** | NPD | NPD | NPD | NPD |
| **Thermal tarnsmittance $U_w$ (EN ISO 10077-1 & EN ISO 10077-2), W/m² K** | 1,3 | 1,3 | 1,3 | 1,3 |
| **Light transmission $T_L$, % (EN 410)** | 82 | 82 | 82 | 82 |
| **Solar energy transmission g, % (EN 410)** | 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] |

* 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

ESD/DOP-Nr.613

| | |
|---|---|
| 1. Product system | Gealan Linear |
| 2. Application | Entrance doors for residential and non-residential construction |
| 3. Manufacturer | UAB “Aradas”, registration number 301818042<br>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 | Single sash inward opening Entrance door | Single sash outward opening Entrance door | Double sash inward opening Entrance door | Double sash outward opening Entrance door |
|---|---|---|---|---|
| **Product ID** | **EFD** | **EFD** | **EDF** | **EDF** |
| **Product measurements** | 1100x2180 | 1100x2180 | 2000x2180 | 2000x2180 |
| **Air permeability (EN 12207)** | NPD | NPD | NPD | 3 |
| **Water tightness (EN 12208)** | NPD | NPD | NPD | C2 / B2 |
| **Wind resistance (EN 12210)** | NPD | NPD | NPD | 3A |
| **Thermal tarnsmittance $U_w$ (EN ISO 10077-1 & EN ISO 10077-2), W/m² K** | 1,4 | 1,4 | 1,3 | 1,3 |
| **Light transmission $T_L$, % (EN 410)** | 82 | 82 | 82 | 82 |
| **Solar energy transmission g, % (EN 410)** | 65 | 65 | 65 | 65 |
| **Acoustic perfomance (EN ISO 140-1:1997+A1:2004), $R_w$ (C;$C_{tr}$) dB** | NPD | NPD | NPD | NPD |

* 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%.

On behalf of manufacturer signed by:

Arturas Radzevičius

Product technologist - constructor

UAB “Aradas“

LT-62175, Alytus

# Declaration of performance

ESD/DOP-Nr.612

| | |
|---|---|
| 1. Product system | Gealan Linear |
| 2. Application | Terrace doors with PVC threshold for residential and non-residential construction |
| 3. Manufacturer | UAB “Aradas”, registration number 301818042<br>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 | Single sash inward opening Terrace door | Single sash outward opening Terrace door | Double sash inward opening Terrace door | Double sash outward opening Terrace door |
|---|---|---|---|---|
| **Product ID** | **ETD** | **ETD** | **EDT** | **EDT** |
| **Product measurements** | 1100x2180 | 1100x2180 | 2000x2180 | 2000x2180 |
| **Air permeability (EN 12207)** | NPD | NPD | NPD | NPD |
| **Water tightness (EN 12208)** | NPD | NPD | NPD | NPD |
| **Wind resistance (EN 12210)** | NPD | NPD | NPD | NPD |
| **Thermal tarnsmittance $U_w$ (EN ISO 10077-1 & EN ISO 10077-2), W/m² K** | 0,93 | 0,93 | 0,93 | 0,93 |
| **Light transmission $T_L$, % (EN 410)** | 74 | 74 | 74 | 74 |
| **Solar energy transmission g, % (EN 410)** | 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] |

* 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

# Declaration of performance

ESD/DOP-Nr.614

| | |
|---|---|
| 1. Product system | Gealan Linear |
| 2. Application | Entrance doors for residential and non-residential construction |
| 3. Manufacturer | UAB “Aradas”, registration number 301818042<br>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 | Single sash inward opening Entrance door | Single sash outward opening Entrance door | Double sash inward opening Entrance door | Double sash outward opening Entrance door |
|---|---|---|---|---|
| **Product ID** | **EFD** | **EFD** | **EDF** | **EDF** |
| **Product measurements** | 1100x2180 | 1100x2180 | 2000x2180 | 2000x2180 |
| **Air permeability (EN 12207)** | NPD | NPD | NPD | 3 |
| **Water tightness (EN 12208)** | NPD | NPD | NPD | C2 / B2 |
| **Wind resistance (EN 12210)** | NPD | NPD | NPD | 3A |
| **Thermal tarnsmittance $U_w$ (EN ISO 10077-1 & EN ISO 10077-2), W/m² K** | 1,0 | 1,0 | 0,96 | 0,96 |
| **Light transmission $T_L$, % (EN 410)** | 74 | 74 | 74 | 74 |
| **Solar energy transmission g, % (EN 410)** | 54 | 54 | 54 | 54 |
| **Acoustic perfomance (EN ISO 140-1:1997+A1:2004), $R_w$ ($C;C_{tr}$) dB** | NPD | NPD | NPD | NPD |

* 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%;

On behalf of manufacturer signed by:

Arturas Radzevičius
Product technologist - constructor
UAB “Aradas“
LT-62175, Alytus