

**GEALAN-LINEAR®**

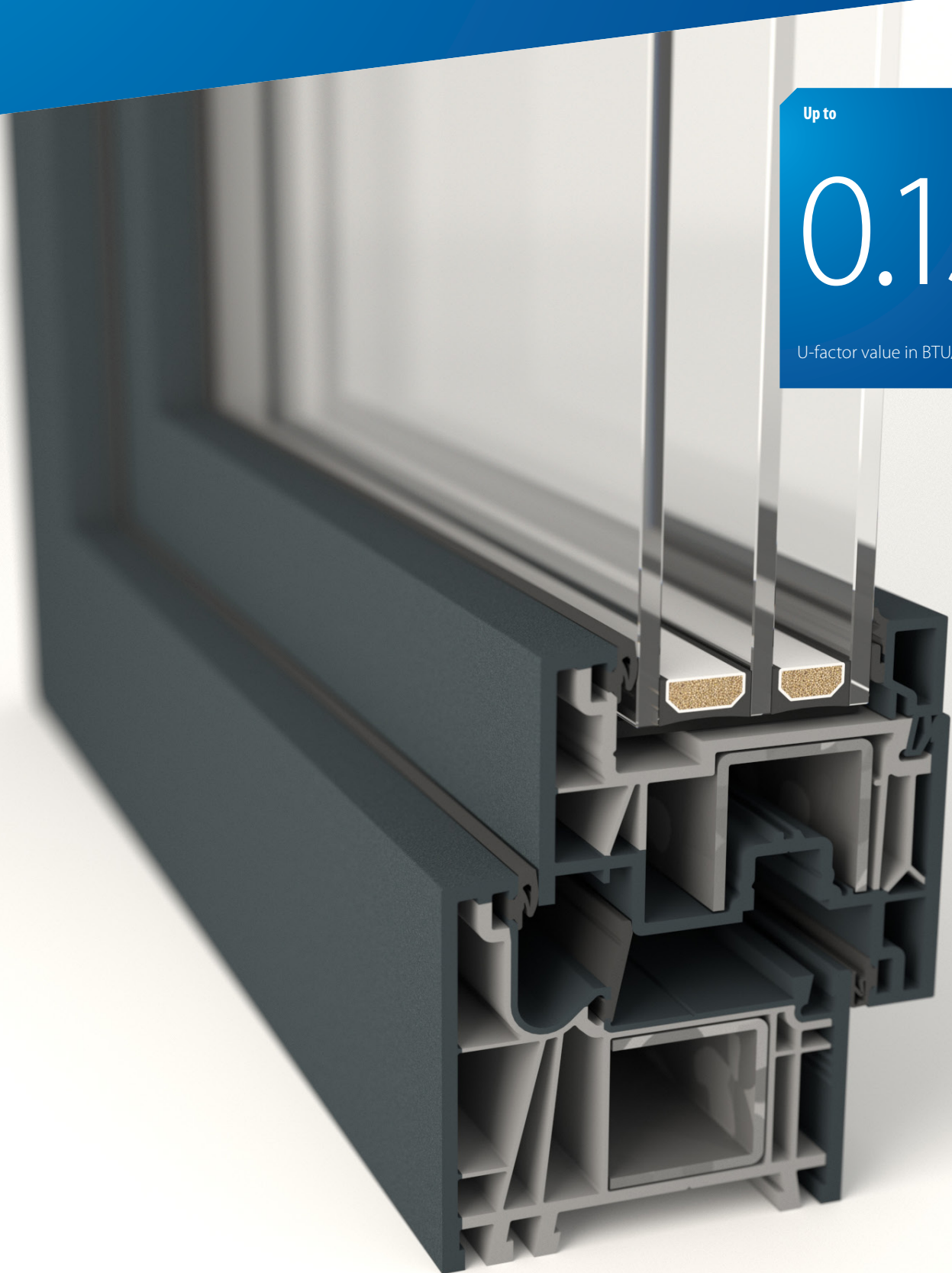
Tilt and Turn Window



Up to

0.15

U-factor value in BTU/hr.ft<sup>2</sup>.°F



# GEALAN-LINEAR®

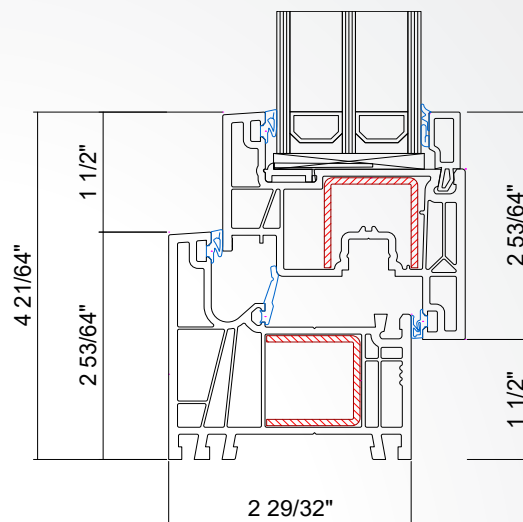
## Tilt and Turn Window

### Criteria

|                       |                                            |                |
|-----------------------|--------------------------------------------|----------------|
| System                | GEALAN-LINEAR®                             |                |
| Available surfaces    | Decorative foil, GEALAN-acrylcolor®, white |                |
|                       | <b>Frame</b>                               | <b>Sash</b>    |
| Art.No.               | 7001                                       | 7072           |
| Number of chambers    | 6                                          | 5              |
| Profile height        | 2-53/64"                                   | 2-53/64"       |
| Max. IGU thickness    | 1-7/8"                                     |                |
|                       | <b>Width*</b>                              | <b>Height*</b> |
| <b>Maximum Size**</b> | up to 61"                                  | up to 93"      |
| Maximum Area          | 26 ft²                                     |                |

\*the ratio of height/width cannot exceed maximum area

\*\*For fixed windows, max. width and max. height are up to 137" and max. area is up to 75 ft².



### NFRC Test Values

|                        |                          |
|------------------------|--------------------------|
| U-factor (triple pane) | up to 0.15 BTU/hr.ft².°F |
| U-factor (double pane) | up to 0.22 BTU/hr.ft².°F |
| SHGC                   | 0.15 - 0.45              |
| VT                     | 0.31 - 0.55              |
| CR                     | up to 75                 |

### NAFS Test Values\*

**48" x 84"**

\*Performance ratings apply to all units within the class size range up to the tested maximum. Higher ratings at smaller sizes available upon request.

|                              |                                      |                                      |
|------------------------------|--------------------------------------|--------------------------------------|
| Performance Class            | AW-PG70                              |                                      |
| Design Pressure              | ± 70.18 psf                          |                                      |
| Air Leakage                  | Infiltration @6.27 psf: 0.10 cfm/ft² | Exfiltration @1.57 psf: 0.01 cfm/ft² |
| Water Penetration Resistance | 15.04 psf                            |                                      |
| Forced Entry Resistance      | Type "B" Grade 10                    |                                      |

**48" x 72"**

|                              |                                      |                                       |
|------------------------------|--------------------------------------|---------------------------------------|
| Performance Class            | CW-PG105                             |                                       |
| Design Pressure              | ± 105.26 psf                         |                                       |
| Air Leakage                  | Infiltration @6.27 psf: 0.05 cfm/ft² | Exfiltration @1.57 psf: <0.01 cfm/ft² |
| Water Penetration Resistance | 15.04 psf                            |                                       |

### Acoustic Performance

|      |         |
|------|---------|
| STC  | 31 - 47 |
| OITC | 20 - 37 |

|                          |                  |
|--------------------------|------------------|
| <b>PHIUS Performance</b> | up to Zone 5A/5B |
|--------------------------|------------------|