








## **NovaSUN** — Your solar screen

The NovaSUN product line is specially designed for optimal insulation while filtering solar heat gain. The diversity of its products allows you to customize each application and personalize each face of the building to enjoy natural sunlight, improve energy efficiency and reduce on air conditioning costs.

NovaSUN, the one solution adapted to your project's windows, curtain walls and patio doors!

# NovaSUN

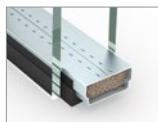
| NovaSUN products offer a unique experience based on sun orientation, surface to cover, temperature, and color wanted: | GLASS THICKNESS | LOW EMISSIVITY COATING    | VISIBLE LIGHT TRANSMITTANCE LT (%) | SOLAR HEAT GAIN COEFFICIENT SHGC | SHADING COEFFICIENT SC | LIGHT REFLECTION |             | R VALUE (H.FT <sup>2</sup> .F)/BTU WINTER | U VALUE BTU/(H.FT <sup>2</sup> .F) WINTER |
|---|-----------------|---------------------------|------------------------------------|----------------------------------|------------------------|------------------|-------------|---|---|
|   |                 |                           |                                    |                                  |                        | EXT LRe (%)      | INT LRI (%) |   |   |
|  NovaSUN Energy Advantage*           | 6mm             | «Hard Coat»               | 73                                 | 0.67                             | 0.77                   | 16               | 17          | 3.45                                      | 0.29                                      |
|  NovaSUN TE 67                       | 6mm             | «Soft Coat» Double Silver | 67                                 | 0.37                             | 0.43                   | 11               | 13          | 4.07                                      | 0.25                                      |
|  NovaSUN SN 68                       | 6mm             | «Soft Coat» Double Silver | 68                                 | 0.38                             | 0.43                   | 11               | 12          | 4.08                                      | 0.25                                      |
|  NovaSUN SKN 176                     | 6mm             | «Soft Coat» Double Silver | 69                                 | 0.33                             | 0.38                   | 13               | 15          | 4.18                                      | 0.24                                      |
|  NovaSUN XTREME 70/33                | 6mm             | «Soft Coat» Triple Silver | 69                                 | 0.30                             | 0.34                   | 11               | 13          | 4.18                                      | 0.24                                      |
|  NovaSUN SNX 62/27                   | 6mm             | «Soft Coat» Triple Silver | 62                                 | 0.26                             | 0.30                   | 11               | 12          | 4.18                                      | 0.24                                      |

Finished 1" insulated glass unit: 90% argon, low-e on face #2. Reference standard: NFRC 2010.

\*NovaSUN Energy Advantage — low-e on face #3.

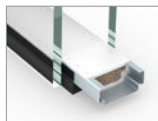
## Options

### Spacers



#### Aluminum

- Traditional spacer
- Shapes and curves available



#### Non-Conducting Spacers

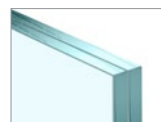
- Superior performance
- Shapes, curves and colors available

### Glass



#### Standard Glass

**Tempered Glass** — Two to five times more resistant than ordinary glass. When it breaks, it shatters into very small, dull-edged pieces that reduce the risk of injury.



**Laminated Glass** — Two glass panes assembled with a plastic film. When it breaks, the glass stays in place. Suited to slow down break-ins, limit noise and reduce the effect of UV rays.

### Sealant

Because of atmospheric conditions, every window is subject to panel deformation. We recommend using the right sealant for your application:

**Polysulfide** — Adapted to all type of glass. Installation in a 4-sided frame.

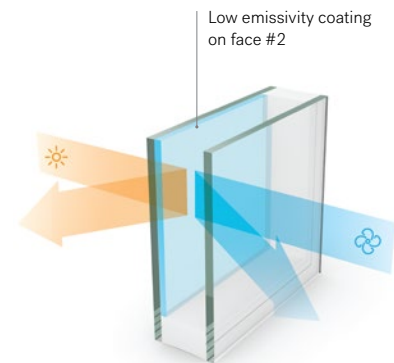
**Silicone** — Compatible with UV rays and resistant to relative humidity. Perfect for installation on frameless glass curtain walls or with 2-sided frames.



### Patio Doors



**Loft and Urbania aluminum patio doors** — The NovaSUN product line can also be integrated into our aluminum patio doors to ensure color consistency and energy efficiency for your project.

NovaSUN insulated glass are particularly adapted to South and West orientations. They bring optimal sun protection and luminosity.



-  Repels the solar heat
-  Keeps cooling

**Novatech®**

novatechgroup.com

Making insulated glass units since 1982

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