

## SunGuard<sup>®</sup> Solar

### Silver 20

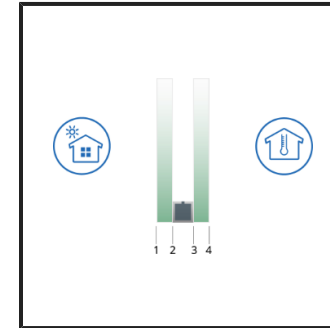
#### Reflects heat—and the future

Almost everyone on earth has seen SunGuard<sup>®</sup> Solar Silver 20. Guardian supplied 167,000 square metres of it for the Burj Khalifa, the world's tallest building. This reflective glass not only helps architects achieve futuristic designs, it immediately delivers energy savings. The glass reflects heat and solar radiation, making it a great product for hot environments and super-tall buildings.

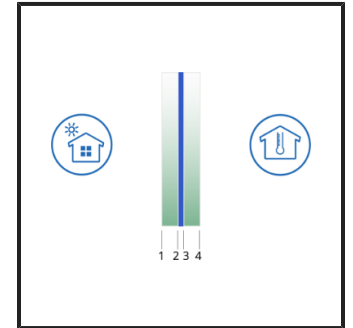


#### Product Information

|                               |   |
|-------------------------------|---|
| Applications                  | Windows / Skylights / Facades / Curtain walls / Doors             |
| Manufacturing options         | Heat Strengthened / Heat Soaked / Annealed / Tempered / Laminated |
| Recommended Coating Positions | Surface 2   |
| Maximum Size                  | <3210x6000mm  |
| Edge Deletion                 | No  |
| Glass functions               | Solar control   |
| Appearance                    | Silver  |



Double Glazed



Monolithic Laminated

| Visible Light  |             |         | Ultraviolet     | Solar Energy                  |             |         |                             |                                    |                          | Thermal Properties                |                                 | Light to Solar Gain (LSG) |      |
|--|-------------|---------|-----------------|-------------------------------|-------------|---------|-----------------------------|------------------------------------|--------------------------|-----------------------------------|---------------------------------|---------------------------|------|
| Transmittance<br>Visible (τv %)  | Reflectance |         | Trans UV(τuv %) | Transmittance<br>Solar (τe %) | Reflectance |         | Absorptance<br>Solar (αe %) | Solar Heat Gain Coefficient (SHGC) | Shading Coefficient (sc) | U-Value                           |                                 |                           |      |
|  | pv % out    | pv % in |                 |                               | pe % out    | pe % in |                             |                                    |                          | Winter Night W /m <sup>2</sup> -K | Summer Day W /m <sup>2</sup> -K |                           |      |
| Double Glazed: 5-12-5 SunGuard® Solar Silver 20 on Clear Float #2, Clear Float, 90% Argon Fill |             |         |                 |                               |             |         |                             |                                    |                          |                                   |                                 |                           |      |
| 19   | 32          | 29      | 92.9            | 15                            | 14          | 27      | 31                          | 59                                 | 0.22                     | 0.25                              | 2.028                           | 2.137                     | 0.84 |
| Monolithic Laminated: 3-3 SunGuard® Solar Silver 20 on Clear Float #2                          |             |         |                 |                               |             |         |                             |                                    |                          |                                   |                                 |                           |      |
| 20   | 31          | 25      | 93.7            | 0                             | 15          | 24      | 34                          | 60                                 | 0.30                     | 0.35                              | 4.374                           | 3.689                     | 0.68 |

The performance values shown are nominal and subject to variations due to manufacturing tolerances. Spectra-photometric values according to NFRC2010 / Metric.

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