



Where further performance is required, adding Pyran® S into a DGU allows multiple applications.

Pyroglass ISO Pyran® S double glazed units offer a jump in Insulation (lower U-Value) and multiple secondary lite options for choice – including high clarity or privacy, high visible light or glare protection, enhance your acoustic performance or add a high performing softcoat LowE coating to exceed in both Insulation (lowest U-Value) and your choice of Solar Control (SHGC)... high with LowE Plus, lower with LowE Prime or ultimate with LowE Max.

### Pyroglass ISO Pyran® S Performance Data

| Double Glazed Units (DGU)                                      | Colour      | Visible Light<br>VLT | Insulation<br>U-Value | Solar Control<br>SHGC | Acoustics<br>Rw |
|--|-------------|----------------------|-----------------------|-----------------------|-----------------|
| <b>Pyroglass ISO Pyran® S – Clear</b>                          |             |                      |                       |                       |                 |
| 4mm Clear Toughened / 12mm air / 6mm Pyran S                   | Clear       | 0.83                 | 2.7                   | 0.79                  | 33              |
| 5mm Clear Toughened / 12mm air / 6mm Pyran S                   | Clear       | 0.82                 | 2.7                   | 0.78                  | 34              |
| 6mm Clear Toughened / 12mm air / 6mm Pyran S                   | Clear       | 0.82                 | 2.7                   | 0.77                  | 34              |
| 8mm Clear Toughened / 12mm air / 8mm Pyran S                   | Clear       | 0.81                 | 2.7                   | 0.74                  | 35              |
| <b>Pyroglass ISO Pyran® S – Grey</b>                           |             |                      |                       |                       |                 |
| 4mm Grey Toughened / 12mm air / 6mm Pyran S                    | Grey        | 0.52                 | 2.7                   | 0.60                  | 33              |
| 5mm Grey Toughened / 12mm air / 6mm Pyran S                    | Grey        | 0.46                 | 2.7                   | 0.55                  | 34              |
| 6mm Grey Toughened / 12mm air / 6mm Pyran S                    | Grey        | 0.41                 | 2.7                   | 0.51                  | 34              |
| 8mm Grey Toughened / 12mm air / 8mm Pyran S                    | Grey        | 0.31                 | 2.7                   | 0.43                  | 35              |
| <b>Pyroglass ISO Pyran® S – Acid Etched</b>                    |             |                      |                       |                       |                 |
| 4mm Acid Etched Toughened / 12mm air / 6mm Pyran S             | Frosted     | 0.83                 | 2.7                   | 0.79                  | 33              |
| 6mm Acid Etched Toughened / 12mm air / 6mm Pyran S             | Frosted     | 0.82                 | 2.7                   | 0.78                  | 34              |
| 6mm Acid Etched Toughened / 12mm air / 8mm Pyran S             | Frosted     | 0.82                 | 2.7                   | 0.76                  | 35              |
| <b>Pyroglass ISO Pyran® S – Clear Laminate</b>                 |             |                      |                       |                       |                 |
| 6.38mm Clear Laminate / 12mm air / 6mm Pyran S                 | Clear       | 0.82                 | 2.7                   | 0.74                  | 36              |
| 8.38mm Clear Laminate / 12mm air / 8mm Pyran S                 | Clear       | 0.82                 | 2.7                   | 0.73                  | 38              |
| 10.38mm Clear Laminate / 12mm air / 8mm Pyran S                | Clear       | 0.79                 | 2.7                   | 0.65                  | 39              |
| 12.38mm Clear Laminate / 12mm air / 8mm Pyran S                | Clear       | 0.78                 | 2.6                   | 0.64                  | 40              |
| <b>Pyroglass ISO Pyran® S – White Translucent Laminate</b>     |             |                      |                       |                       |                 |
| 6.38mm White Trans Laminate / 12mm air / 6mm Pyran S           | White Trans | 0.63                 | 2.7                   | 0.61                  | 36              |
| 6.38mm White Trans Laminate / 12mm air / 8mm Pyran S           | White Trans | 0.63                 | 2.7                   | 0.61                  | 37              |
| <b>Pyroglass ISO Pyran® S – Audioshield® Acoustic Laminate</b> |             |                      |                       |                       |                 |
| 6.5mm Audioshield Laminate / 12mm air / 6mm Pyran S            | Clear       | 0.83                 | 2.7                   | 0.79                  | 41              |
| 8.5mm Audioshield Laminate / 12mm air / 8mm Pyran S            | Clear       | 0.82                 | 2.7                   | 0.78                  | 44              |
| 10.5mm Audioshield Laminate / 12mm air / 8mm Pyran S           | Clear       | 0.82                 | 2.7                   | 0.77                  | 45              |
| 12.5mm Audioshield Laminate / 12mm air / 8mm Pyran S           | Clear       | 0.81                 | 2.7                   | 0.74                  | 46              |
| <b>Pyroglass ISO Pyran® S – LowE Prime</b>                     |             |                      |                       |                       |                 |
| 4mm LowE Prime Toughened / 12mm air / 6mm Pyran S              | Neutral     | 0.70                 | 1.9                   | 0.57                  | 33              |
| 5mm LowE Prime Toughened / 12mm air / 6mm Pyran S              | Neutral     | 0.70                 | 1.9                   | 0.56                  | 34              |
| 6mm LowE Prime Toughened / 12mm air / 6mm Pyran S              | Neutral     | 0.69                 | 1.9                   | 0.55                  | 34              |
| 8mm LowE Prime Toughened / 12mm air / 8mm Pyran S              | Neutral     | 0.68                 | 1.9                   | 0.54                  | 35              |
| <b>Pyroglass ISO Pyran® S – LowE Plus</b>                      |             |                      |                       |                       |                 |
| 4mm LowE Plus Toughened / 12mm air / 6mm Pyran S               | Clear       | 0.82                 | 1.7                   | 0.58                  | 33              |
| 5mm LowE Plus Toughened / 12mm air / 6mm Pyran S               | Clear       | 0.81                 | 1.7                   | 0.57                  | 34              |
| 6mm LowE Plus Toughened / 12mm air / 6mm Pyran S               | Clear       | 0.81                 | 1.7                   | 0.57                  | 34              |
| 8mm LowE Plus Toughened / 12mm air / 8mm Pyran S               | Clear       | 0.80                 | 1.7                   | 0.55                  | 35              |
| <b>Pyroglass ISO Pyran® S – LowE Max</b>                       |             |                      |                       |                       |                 |
| 6mm LowE Max Toughened / 12mm air / 6mm Pyran S                | Neutral     | 0.68                 | 1.6                   | 0.27                  | 34              |
| 8mm LowE Max Toughened / 12mm air / 8mm Pyran S                | Neutral     | 0.67                 | 1.6                   | 0.27                  | 35              |

Note: Data using centre of glass performance in NFRC standards.  
For all DGU options, Pyran S must be on the surface furthest away from the fire threat.

