**DESCRIPTION**

- Double insulating Glass Unit
- Changes its level of tint to modulate sun light, solar heat gain and glare
- Remains transparent without blocking the view
- Replaces external blinds and internal shades
- LightZone™ – up to three separate tintzones within the glass unit
- Controlled by the SageGlass® control system (automatically and/or manually)

**PRODUCT CHARACTERISTICS**

Maximum glass size ≤ 1520 x 3050 mm  
Composition* Double glazing 42.1EC-12-4  
Spacer type Stainless steel, mill finished or black  
Spacer thickness 12 mm  
Sealing Polyisobutylene PIB / silicone  
Filling of the gap Krypton  
Outer pane laminated 4 mm heat strengthened glass with SR2.0 reflective coating, Sentryglas® 0.9 mm  
2.2 mm clear glass with SageGlass® EC coating  
Inner pane 4 mm heat strengthened glass with low emissivity coating*  

**TECHNICAL SPECIFICATIONS**

<table>
<thead>
<tr>
<th>External colour In reflection</th>
<th>Clear neutral</th>
<th>Intermediate 1 neutral</th>
<th>Intermediate 2 neutral</th>
<th>Dark neutral</th>
</tr>
</thead>
<tbody>
<tr>
<td>Internal colour In transmittance</td>
<td>neutral</td>
<td>light blue-grey</td>
<td>blue-grey</td>
<td>blue-grey</td>
</tr>
<tr>
<td>Light factors light transmission</td>
<td>60%</td>
<td>17%</td>
<td>5%</td>
<td>1%</td>
</tr>
<tr>
<td>EN 410 RL ext</td>
<td>16%</td>
<td>10%</td>
<td>10%</td>
<td>11%</td>
</tr>
<tr>
<td>D65 2° RL int</td>
<td>15%</td>
<td>10%</td>
<td>10%</td>
<td>10%</td>
</tr>
<tr>
<td>UV Transmission uv</td>
<td>0%</td>
<td>0%</td>
<td>0%</td>
<td>0%</td>
</tr>
<tr>
<td>Solar factor g</td>
<td>0.40</td>
<td>0.12</td>
<td>0.07</td>
<td>0.05</td>
</tr>
</tbody>
</table>

EN 673 U value, 90% Krypton 1.1 W/(m².K)  
EN 140-3 Sound reduction Rw (C,Ctr) 31 (-3;-6) dB***  
Weight 26 kg/m²  
Total thickness Tolerances +/- 1 mm 23 mm  
Switch speed 5 to 15 minutes**

**CONFORMITY**

Certifications CE mark (EN 1279, EN 1096, EN 12543, EN 12600, EN 410, EN 14449, EN 1863)  
Electrochromic norm ASTM E-2141 (100.000 cycles passed)

**CHARACTERISTICS**

Operating temperature From -30°C to 80°C  
Pigtail cable and connector 1 cable standard length 125 mm with male connector  
Supply voltage Maximum 5V exclusively controled by the SageGlass® control system  
Visible busbar (option) If the shorter side is >1 m, not to excess the switching speed  
Frame integration Edge covering including sealing on 4 edges mini of 16 mm (recommended). Space between IGU and frame on the pigtail side, 7 mm for the connector  
Frame compatibility Façades, curtain walls, windows, structural systems, skylights etc.  
Shapes Rectangle, triangle, trapezoidal etc.  
Drilling Not possible

* the structure of the glass is calculated project-specific  
** to reach 90% of its tint range at room temperature  
*** simulated values

www.sageglass.com