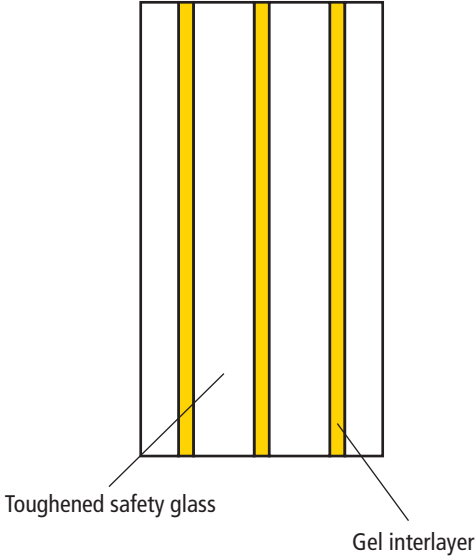

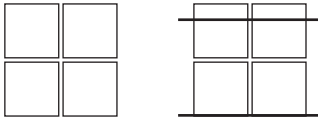


|  |   |
|--|---|
| <p>Product composition</p>   | <p>Characteristics</p> <p style="text-align: right;"><b>57</b></p>  |
|  <p>Toughened safety glass</p> <p>Gel interlayer</p>  | <ul style="list-style-type: none"> <li>▶ Fire resistant glass for 2 hours. Multilayers with a composition of toughened panes of safety glass with 3 chambers filled with intumescent gel</li> <li>▶ Thinnest glass of this rating available on the market</li> </ul>                                    |
| <p>Technical characteristics</p>   | <p>Physical features</p>  |
| <ul style="list-style-type: none"> <li>▶ Fire classification: EI120</li> <li>▶ Impact classification: 1B1</li> <li>▶ Light transmission: 64%</li> <li>▶ Sound reduction (c; ctr): 47 dB (-1; -2)</li> <li>▶ U value: 3.4 W/m<sup>2</sup> K</li> <li>▶ UV stability: yes</li> </ul> | <ul style="list-style-type: none"> <li>▶ Nominal Thickness: 47 mm</li> <li>▶ Thickness tolerances: - 1 / + 3 mm</li> <li>▶ Dimensional tolerances: ± 3 mm</li> <li>▶ Weight/m<sup>2</sup>: 96 kg</li> <li>▶ Temperature range: - 10 / + 45 °C</li> <li>▶ Min manufactured size: 300 x 400 mm</li> </ul> |
|   | <p>Possible applications</p>  |
| <p>FLEXIBLE<br/>         INDEPENDENT<br/>         RESPONSIVE<br/>         SPECIFIC<br/>         TECHNICAL<br/> <b>FIRST IN FIRE GLASS</b></p>  | <p>Steel system</p>   |
| <p>84</p> <p>06/2015</p>   |   |

The diagrams in this document are for guidance purpose only, for actual projects specific drawings are required.