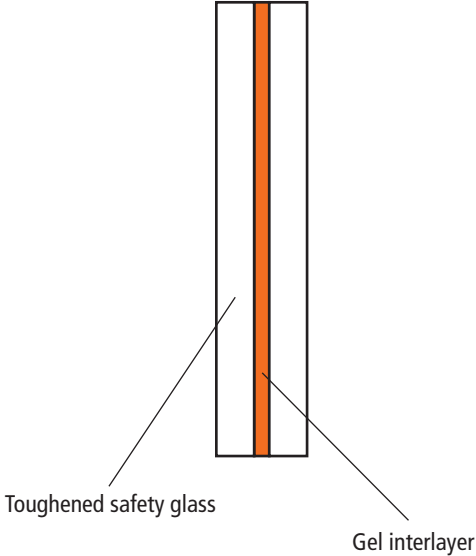
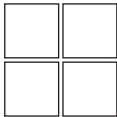
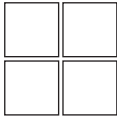


Product composition	Characteristics 36
	<ul style="list-style-type: none"> ▶ Toughened safety glass with an intumescent gel chamber ▶ Double sided fire resistance ▶ Excellent impact rating ▶ Constant thickness throughout the glass, even in large dimensions
Technical characteristics	Physical features
<ul style="list-style-type: none"> ▶ Fire classification: EW90 ▶ Impact classification: 1B1 ▶ Light transmission: 85% ▶ Sound reduction (c; ctr): 37 dB (- 1; - 2) ▶ U value: 5.1 W/m² K ▶ UV stability: yes 	<ul style="list-style-type: none"> ▶ Nominal Thickness: 13 mm ▶ Thickness tolerances: ± 1 mm ▶ Dimensional tolerances: ± 3 mm ▶ Weight/m²: 29.5 kg ▶ Temperature range: - 10 / + 45 °C ▶ Min manufactured size: 300 x 400 mm
Possible applications	
<p>Steel system </p> <p>Timber system  Please see PV 13-A-181, page 98</p>	<p>F L E X I B L E I N D E P E N D E N T R E S P O N S I V E S P E C I F I C T E C H N I C A L FIRST IN FIRE GLASS</p>
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The diagrams in this document are for guidance purpose only, for actual projects specific drawings are required.