



LAMINATED GLASS

Safety and security glass for many surprising functions

Laminated glass is a high-performance glass manufactured by bonding together two or more layers of high quality glass under heat and pressure using a specialist interlayer.

Laminated glass performs many functions; for safety, security, bullet and blast resistance Dellner-Romag use polyvinyl butyral (PVB). The PVB absorbs the energy of impact whilst maintaining the integrity of the glass in the frame.

For demanding architectural projects that require more stiffness or rigidity, such as frameless glass applications, we can offer the use of an SGP performance interlayer. SGP is particularly effective in locations that experience extreme weather such as hurricanes and typhoons.

With 75 years' experience, our laminated safety glass is processed in cutting-edge clean rooms and high-pressure autoclaves. We use many different interlayers depending upon your requirements and we have the ability to produce bespoke constructions often incorporating various coloured interlayers, printed surfaces, heat mats, solar control and acoustic compounds. We are able to structurally bond our glass products as an approved member of Dow Corning® Quality Bond™ for structural glazing and insulated glazing applications.

Dellner-Romag laminated glass is independently tested and certified to BS EN 6206 A, BS EN 12600 and BS EN 14449. For security applications we are tested to BS EN 356 and BS EN 1063.

KEY FEATURES

- Design versatility
- High clarity and finish
- In case of accidental or wilful damage, glass fragments will adhere to the interlayer
- Absorbs in excess of 99% of ultraviolet light
- Sound dampening
- Scueco Partner Fabricator
- Dow Corning® approved
- Independently tested and certified
- Available across our product range

LAMINATED GLASS - TECHNICAL DATA

Thickness* mm	Plies	Weight Kg/m2	Annealed	Toughened	Heat Strengthened	THSO	Structural Bonding	Low Iron
6.4	3	15.4	x		x		x	x
7.5	3	16.61	x		x		x	x
9.5	3	21.61	x	x	x	x	x	x
11.3	5	24.91	x	x	x	x	x	x
11.5	3	26.61	x	x	x	x	x	x
11.5	5	26.01	x	x	x	x	x	x
13.5	3	33.22	x	x	x	x	x	x
15.5	3	36.61	x	x	x	x	x	x
17.5	3	41.61	x	x	x	x	x	x
21.5	3	51.61	x	x	x	x	x	x
25.5	3	61.61	x	x		x	x	x

*Dellner-Romag can laminate up to 185mm in thickness. For more information contact your account manager or sales@dellner-romag.co.uk

STANDARDS

Dellner-Romag laminated glass is fully tested and certified to the following specifications:

- BS EN 6206 A
- BS EN 12600
- BS EN 14449

