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LAMINATE TYPE	FIRE RATING	ACOUSTIC RATING dB (RW)	SAFETY RATING
6.4MM CLEAR LAMINATED GLASS	NFR	32	2B2
7.5MM CLEAR LAMINATED GLASS	NFR	32	1B1
8.8MM CLEAR LAMINATED GLASS	NFR	33	1B1
9.5MM CLEAR LAMINATED GLASS	NFR	33	1B1
10.8MM CLEAR LAMINATED GLASS	NFR	34	1B1
11.5MM CLEAR LAMINATED GLASS	NFR	34	1B1
6.8MM CLEAR ACOUSTIC LAMINATED GLASS	NFR	36	1B1
8.8MM CLEAR ACOUSTIC LAMINATED GLASS	NFR	37	1B1
10.8MM CLEAR ACOUSTIC LAMINATED GLASS	NFR	38	1B1
12.8MM CLEAR ACOUSTIC LAMINATED GLASS	NFR	39	1B1
16.8MM CLEAR ACOUSTIC LAMINATED GLASS	NFR	41	1B1

## THE BENEFITS OF LAMINATED GLASS

Laminated glass is a safety and security glass, typically consisting of one or more interlayers of polyvinyl butyral (PVB) sandwiched between two glass panes and bonded through heat and pressure. This interlayer adheres strongly to the glass, ensuring the layers remain intact when broken, which prevents the glass from shattering into large, hazardous pieces.

## COMMON USES OF LAMINATED GLASS

Given its enhanced safety features, laminated glass is often used in situations where there is a risk of injury from falling glass or in areas with high human impact to prevent potential harm. It is commonly employed in exterior storefronts, curtain walling, windows, overhead glazing, full-height barriers, doors, low-level glazing, skylights, full-height windows, balustrades, tables, and countertops.

Laminated glass is ideal for any application where safety or security is a priority. It is widely used in commercial, public, and residential settings. Our laminated glass is particularly suitable for environments where security is paramount, such as retail shops, financial institutions like banks and building societies, as well as museums, art galleries, and buildings housing high-value objects. Additionally, it is an excellent choice for police stations, hospitals, government buildings, and prisons, where safety and security are equally important.

## **IN-HOUSE SERVICES**

We offer comprehensive in-house finishing services. If you would like to discuss your order, please don't hesitate to contact us—we're always happy to help.

## **FEATURES OF LAMINATED GLASS:**

- Remains intact or breaks safely on impact
- Withstands repeated blows from heavy objects
- Remains a barrier to entry even if the glass has been broken
- ✓ Fully tested
- High sound insulation
- → Blocks 99% of incoming UV radiation and may help reduce fading
- ✓ Effective thermal insulation
- Conforms to security glazing standards (e.g. EN 356) in addition to safety glass requirements (EN 12600).

OUR NATIONWIDE BRANCH NETWORK ---













MIDLANDS **0121 667 9089** 

NORTH **0161 532 8371**  SOUTH **01206 805 922**  WEST 01174 528 800 SCOTLAND **0131 526 4141** 

INSTALLATION **0121 667 9089** 

















