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TECHNICAL FIRE SAFETY GROUP



FIRE RATED GLASS IS PART OF A FIRE-RESISTANT STRUCTURE; IT IS THE RESPONSIBILITY OF THE USERS TO ENSURE THAT THE FIRE-RESISTANT ELEMENT AS A WHOLE SATISFIES THE CURRENT REGULATIONS AND TO OBTAIN THE APPROVAL FROM THE COMPETENT AUTHORITIES.

FIRE GLASS UK DISCLAIMS ALL LIABILITY SHOULD FIRE RATED GLASS BE INSTALLED IN UNAPPROVED OR **FAULTY CONSTRUCTION.** 

THE APPEARANCE/VISUAL QUALITY OF THE FIRE RATED GLASS SUPPLIED/FITTED BY FIRE GLASS UK IS SCRUTINISED TO THE GGF STANDARDS - AVAILABLE ON APPLICATION

FIRE RATED GLASS MUST ONLY BE USED AS PART OF AN APPROPRIATELY APPROVED GLAZED SYSTEM COMPLYING WITH THE APPLICABLE CERTIFIRE CERTIFICATE AND INSTALLED UNDER FIRAS INSTALLATION **GUIDELINES.** 



IMPORTANT: GLASS SHOULD BE GLAZED ON DAY OF DELIVERY. PREVENTING WATER INGRESS AND ANY FURTHER DAMAGE FROM STORAGE.

## **GENERAL**

- Fire Rated Glass Thickness Tolerance +/- 1mm (7mm), +/-2mm 10mm to 25mm.
- Avoid all glass to metal/wooden contact.
- Do not exercise any restraint on glass.
- Do not damage the glazed edges nor the protection tape.
- Use hardwood setting blocks or equivalent.
- Provide an edge clearance of 4-5mm.
- Provide a lateral clearance of 4-5mm.
- Provide a rebate depth of minimum 20mm.
- Keep the rebates dry and free from aggressive products (acids, organic solvents).
- Do not allow any contact of the glazed edges with water
- Apply a neutral silicone join or dry gasket immediately after glazing.
- Use an external grade structure with a UV filter, correctly orientated (External Glazing).
- Use a drained and ventilated frame (External Glazing).

## TRANSPORT. STORAGE AND HANDLING

- Store in a dry, sheltered and ventilated place, not exposed to solar radiation.
- Fire Rated Glass is designed to be used within the temperature range from -20° to +40°.
- Soft spacers shall be placed between each unit.
- Never allow water to come into contact with the glass at any time.
- GLASS SHOULD BE SUPPORTED OVER ITS FULL HEIGHT AND WIDTH AND NEVER STORED AGAINST ANY SURFACES SUCH AS WALLS, AS THIS WILL BOW THE GLASS.
- The back should be slightly inclined (6° to 10° from vertical) with the feet being at 90° to the back of the rack.
- Defects must be reported within 3 days from delivery.

IF YOU HAVE ANY QUERIES REGARDING FIRE RATED GLASS, PLEASE CONTACT FIRE GLASS UK ON 0121 667 9089















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0161 532 8371

























