

**L40 GENERAL GLAZING**

To be read with Preliminaries/General conditions.

**GENERAL REQUIREMENTS**

- 110 Refurbishment of existing sash windows.
- 111 PREGLAZING of components will be permitted, but:
- Precautions to be taken to prevent displacement of glazing or compound during delivery and installation. Submit details to the CA.
  - Components with any displaced glazing or compound or with defective seals to be reglazed in situ.

**REPAIR OF EXISTING WINDOWS**

- 130 REMOVAL OF GLAZING FOR REUSE:
- Carefully remove existing glazing and glazing compound, beads, etc., avoiding damage to the frame, to leave clean smooth rebates free from obstructions and debris. Thoroughly inspect existing frames, counterweights and operating mechanisms.
  - Report to CA any signs of deterioration of the surround revealed by removal of glazing, compounds, etc. Do not reglaze affected surrounds until instructed.
  - Clean glazing, beads and other components that are to be reused. Ant glazing to be replaced to match weight of existing.
- 150 WORKMANSHIP GENERALLY:
- Glazing generally: to BS 6262.
  - The glazing must be wind and watertight under all conditions with full allowance made for deflections and other movements.
  - Panes/sheets to be within  $\pm 2$  mm of specified dimensions.
  - Avoid contact between glazing panes/units and alkaline materials such as cement and lime.
  - Keep materials dry until fixed. Keep insulating glass units and plastics glazing sheets protected from the sun and away from heat sources.
  - Ensure that glass/plastics, surround materials, sealers primers and paints/clear finishes to be used together are compatible. Comply with glazing and sealant manufacturers' recommendations.
- Repair existing frames either by patching or replacement of elements in timber matching the original avoid use of epoxy fillers where possible. Treat entire stripped timber frame with SikaGuard 5 star wood treatment prior to decoration
- 151 PREPARATION: Ensure that preparation by others of surrounds, rebates, grooves and beads is complete. Clean surfaces before installing glazing.
- 152 PREPARATION: Clean surrounds, rebates, grooves and beads, and prepare as specified before installing glazing.
- 155 GLASS GENERALLY:
- To BS 952 and the relevant part(s) of:  
BS EN 572 for basic soda lime silicate glass.
  - Panes/sheets to be clean and free from obvious scratches, bubbles, cracks, rippling, dimples and other defects and to be re used where possible.
  - Edges generally undamaged. Shells and chips not more than 2 mm deep and extending not more than 5 mm across the surface are acceptable if ground out.

- 165 THERMALLY TOUGHENED GLASS to be installed where directed by the Approved Inspector. All panes must be heat soaked at a mean glass temperature of  $280 \pm 10^{\circ}\text{C}$ . Provide certified evidence of treatment.
- 180 BEAD FIXING WITH PINS: Space pins evenly at not more than 150 mm centres, and within 50 mm of each corner. Punch pins just below the timber surface.
- 181 BEAD FIXING WITH SCREWS: Space screws evenly at not more than 225 mm centres, and within 75 mm of each corner.
- 190 GLASS TO GLASS JOINTING:
- Sealant: Clear silicone to BS 5889, Type A or B as recommended for the purpose by the manufacturer.
  - Joints to be of consistent width suitable to receive sealant.
  - Completely fill joints with sealant, leaving no gaps or bubbles. Remove surplus sealant to leave a clean, neatly finished weathertight joint.

### **TYPES OF GLAZING**

- 520 Replacement of existing failed glass where identified by CA during refurbishment of existing windows.