

L20 DOORS/SHUTTERS/HATCHES

To be read with Preliminaries/General conditions.

PRELIMINARY INFORMATION/REQUIREMENTS

- 110 EVIDENCE OF PERFORMANCE: Provide independently certified evidence that all specified variants of components comply with specified performance requirements.

Refer to drawing 1200/P/08f,

INSTALLATION

- 710 PROTECTION OF COMPONENTS: Do not deliver to site components which cannot be put immediately into suitable dry, floored and covered storage. Stack on bearers, separated with spacers to prevent damage by and to projecting ironmongery, beads, etc.
- 720 MOISTURE CONTENT: During delivery, storage, fixing and thereafter to Practical Completion maintain conditions of temperature and humidity to suit specified moisture content(s) of timber components. When instructed by CA, test components with an approved electrical moisture meter used in accordance with manufacturer's recommendations.
- 730 PRIMING/SEALING: Before fixing components ensure that surfaces of timber which will be inaccessible after installation are primed or sealed as specified.
- 770 BUILDING IN TIMBER FRAMES: Fix dpcs with galvanized clout nails to backs of frames which are to be built into external openings.
- 790 FIXING CENTRES FOR TIMBER FRAMES: When not predrilled or specified otherwise, position fixings 150 mm from each end of jamb, adjacent to each hanging point and at 600 mm maximum centres.
- 809 FIRE RESISTING DOORS/DOORSETS must be installed by a firm currently listed in the FIRAS Register of Accredited Installers, in accordance with instructions supplied with the product conformity certificate, test report or engineering assessment.
- 810 FIRE RESISTING DOORS/DOORSETS: Completely fill gap between wall and reveal with intumescent sealant.
- 820 SEALANT JOINTS:
- Sealant manufacturer and reference: DOW
 - Colour: To be agreed
 - Prepare joints and apply sealant as section Z22.
 - Finish triangular fillets with a flat or slightly convex profile.
 - To fire resisting doors provide intumescent mastic between frame and masonry.
- 830 FIXING IRONMONGERY GENERALLY:
- Assemble and fix carefully and accurately using fasteners supplied by the ironmongery manufacturer, with matching finish and equivalent corrosion resistance.
 - Holes for components to be no larger than the minimum required for satisfactory fit/operation.
 - Protect ironmongery and adjacent surfaces as necessary to prevent damage.
 - At completion, check, adjust and lubricate as necessary to ensure correct functioning of all moving parts.
- 840 FIXING IRONMONGERY TO FIRE RESISTING DOOR ASSEMBLIES:

- Fix all items in accordance with door leaf manufacturer's recommendations.
- Ensure that, when fixed, ironmongery does not compromise the integrity of the assembly as established by testing/ assessment.
- Cut holes for through fixings and components accurately. Clearances must not be greater than 8mm unless protected by intumescent paste or similar.
- Coat lock/latch cases for FD60 doors with intumescent paint or paste before fitting.

850 LOCATION OF HINGES:

- Where not specified otherwise, position hinges with centre lines 250 mm from top and bottom of door leaf.
- Position third hinge (where specified) top third.
- Position hinges for fire resisting doors in accordance with door leaf manufacturer's recommendations

REVISIONS