

NBS L20 ALTRO DOORS COMBINED SPECIFICATION CLAUSES.

L20 **Doors/Shutters/Hatches** **To be read with preliminaries/general conditions**

GENERAL

- 110 EVIDENCE OF PERFORMANCE
Certification: Provide independently certified evidence that all incorporated components comply with specified performance requirements
- 112 TIMBER PROCUREMENT
Timber (including timber for wood based products): Obtained from well managed forests and/or plantations in accordance with:
- The laws governing forest management in the producer country or countries.
 - International agreements such as the Convention on International Trade in Endangered Species of wild fauna and flora (CITES).
Documentation: Provide either:
 - Documentary evidence (which has been or can be independently verified) regarding the provenance of all timber supplied.
 - Evidence that supplies have adopted and are implementing a formal environmental purchasing policy for timber and wood based products.
- 115 FIRE RESISTING DOORS/DOORSETS/ASSEMBLIES
Evidence of fire performance: Provide certified evidence, in the form of a product conformity certificate, directly relevant fire test report or engineering assessment, that each door/doorset/assembly supplied will comply with the specified requirements for fire resistance if tested to BS476-22. BS EN 1634-1 or BS EN 1634-3. Such certification must cover door and frame materials, glass and glazing materials and their installation, essential and ancillary ironmongery, hinges and seals.
- 150 SITE DIMENSIONS
Procedure: Before starting work on designated items take site dimensions, record on shop drawings and use to ensure accurate fabrication.
- Designated items:
- 170 CONTROL SAMPLES
Procedure:
- Finalise component details
Fabricate one of each of the following designated items as part of the quantity required for the project.
Obtain approval of appearance and quality before proceeding with manufacture of the remaining quantity.
- Designated items:
- 480 DOORSETS
Manufacturer:
- Product reference:
 - Door leaf:
 - Finish as delivered:
 - Frame and architraves:
 - Finish as delivered:
 - Glazing details:
 - Beading:
 - Ironmongery:
 - Perimeter seals: ..

- Other requirements:
 Fixing:
- 510 STRONG ROOM DOOR
 Manufacturer:
 - Product reference:
- 520 SLIDING DOORS.....
 Manufacturer:
 - Product reference:
 Performance:
 Arrangement:
 - Track system:
 Door leaf:
 - Finish as delivered
 Operation:
 Ironmongery:
 Other requirements:
- 535 SLIDING FOLDING SHUTTER DOORS
 Manufacturer:
 - Product reference:
 Performance:
 Arrangement:
 - Track system.....
 Door leaf
 - Finish as delivered.....
 Operation.....
 Ironmongery.....
 Other requirements.....
- 540 SLIDING FOLDING
 Manufacturer
 - Product reference
 Performance
 Arrangement
 - Track system.....
 Door leaf
 - Finish as delivered.....
 Operation.....
 Ironmongery.....
 Other requirements.....
- 615 SECTIONAL OVERHEAD DOORS
 Manufacturer
 - Product reference
 Performance
 Arrangement
 - Track system.....
 Door leaf
 - Finish as delivered.....
 Operation.....
 Ironmongery.....
 Other requirements.....
- 630 HATCHES
 Manufacturer:
 - Product reference:

EXECUTION

710 PROTECTION OF COMPONENTS

General: Do not deliver to site components that cannot be installed immediately or place in lean, dry, floored and covered storage

Stored components: Stacked on level bearers, separated with spacers to prevent damage by and to projecting ironmongery, beads, etc.

750 FIXING DOORSETS

Timing: After associated rooms have been made weather-tight and the work of wet trades is finished and dried out.

830 FIXING IRONMONGERY GENERALLY

Fasteners: Supplied by ironmongery manufacturer.

- Finish/Corrosion resistance: To match ironmongery

Holes for components: No larger than required for satisfactory fit/operation

Adjacent surfaces: Undamaged.

Moving parts: Adjusted, lubricated and functioning correctly at completion.

840 FIXING IRONMONGERY TO FIRE RESISTING DOOR ASSEMBLIES

General: All items fixed in accordance with door leaf manufacturer's recommendations ensuring that integrity of the assembly, as established by testing, is not compromised.

Holes for through fixings and components. Accurately cut.

- Clearances: Not more than 8mm unless protected by intumescent paste or similar.

Lock/Latch cases for fire doors requiring ≥ 60 minutes integrity performance: Coated with intumescent paint or paste before installation.

850 LOCATION OF HINGES

Primary hinges: Where not specified otherwise, positioned with centre lines 250mm from top and bottom of door leaf.

Third hinge: Where specified, positioned

Hinges for fire resisting doors: Positioned in accordance with door leaf manufacturer's recommendations.

860 INSTALLATION OF EMERGENCY EXIT DEVICES

Standard: Unless specified otherwise, install panic bolts/latches in accordance with BS EN 1125.