AMEETUFF FIRE STOP DOORS SPECIFICATION

Existing doors should meet the following standards:

1- Hinges shall be 100 mm steel butt, 1½ pair per leaf (brass hinges are permitted only when they have Been tested and certified as part of a door set
2- Door Closers shall be fitted to all AMEETUFF fire doors other than those fitted with locks and carrying the signage
3- AMEETUFF "Fire door keep locked shut". Door closers should comply with BS 6459: Part 1 (concealed [mort iced])
4- Door closers should not be fitted unless supported by test evidence for the door construction.
5- Leaf Selectors shall be fitted as per AMEETUFF instructions. (New rebated leaf doors are not

recommended).

6- Easy Opening Devices shall meet the performance requirements of BS 5725 fitted as per

Manufacturer's instructions.

7- Latches and Locks shall meet the performance requirements of BS 5872.
8- In tumescent Seals shall be to the standard required by the door. They shall be fitted as per AMEETUFF instruction, either in the door lipping or frame. Where an in tumescent seal is in a door With a fire resistance greater than 120 minutes part of the seal shall bypass all ironmongery fittings or alternatively those fittings shall be bedded in in tumescent mastic. Where double leaf doors are to be fitted it is preferable to have the in tumescent seal at the head fitted into the frame.
9- Smoke Seals should be installed in the doors indicated on the door schedule and they shall be fitted as per standard , AMEETUFF fire stop doors or frames. They may be fitted independently of the in tumescent seal or as a combined in tumescent /smoke seal. Smoke seals should bypass all ironmongery fittings.
10- Gaps at the Head, Hinge Side Lock/Latch Side and between Meeting Stiles shall be not more than 5 mm. (Excessive gaps may be reduced by applying solid timber of a suitable density to either the face of the frame or the door edges.
11- This timber shall be pinned and glued in position using adhesive which will not thermally soften.
12- Thin veneers of timber shall not be used as they burn away more rapidly than larger sections.

13- The minimum thickness of timber to be applied shall be 6 mm. It may be necessary to reduce the size of the leaf before building up either the frame or the door edge.

Gaps at the Threshold shall not be excessive AMEETUFF fire stop doors Specification:

1- Glass shall be 6 mm safety GWPP for doors requiring 120 minutes fire resistance (glazing greater than 120 minutes or glazing required to have insulation shall be within the sizes recommended by the manufacturer. In all cases the manufacturer should confirm that the doors are suitable for glazing).
2- Glazing Bead Fixing for doors requiring 120 minutes fire resistance shall be by 120 mm 9 gauge brass screws fixed at maximum 200 mm centres and staggered where dual bead fixed is used.
3- The beads shall be of hardwood of minimum density 650 kg/m3 and shall provide a inimum 15 mm cover to the edge of the glass.
4- The unexposed faces of the beads shall be coated with an intumescent paint or varnish.
5- Door Frames for doors requiring 120 minutes fire resistance may be constructed from the solid or by using a liner with a planted stop. They may be of softwood not less than 32 mm thick with a minimum 12 mm stop.
6- Planted stops shall be securely fixed by 38 mm 8 gauge steel screws countersunk and spaced 75 mm from the ends of each member and at intermediate points not more than 600 mm apart.
7- Door frames for doors requiring 120 minutes fire resistance or greater shall be from the solid of hardwood of minimum density 650 kg/m3.
8- Architraves shall have a minimum 15 mm overlap to both frame and wall and be of 15 mm minimum, thickness. They may be of softwood for door frames requiring 120 minutes fire resistance and shall be of hardwood for 120 minutes or greater.
9- Door Signs shall be as designated by the Fire Officer and shall comply with BS 5499: Part 1. Frame to Wall Gaps shall be treated with fire retardant material.

AMEETUFF fire doors Specification

Guidance for joints between new timber door frames and walls ARCHITRAVE FRAME TO WALL GAP FOR 120 MINUTE FIRE RESISTING DOORS

(1) tightly fitting hardwood or softwood architrave of 15mm minimum overlap to frame and wall tightly fitting 19 mm minimum hardwood quadrant Up to 10 mm No further provision Provide -

2 mm x 10mm of intumescent material as a pre-formed strip or seal or Mineral or glass wool packed to a depth of at least 10 mm or A bead of intumescent paste or intumescent mastic More than 10 mm Provide -

2 mm x 10mm of intumescent material as a pre-formed strip or seal or Mineral or glass wool packed to a depth of at least 10 mm or A bead of intumescent paste or intumescent mastic Provide -

2 mm x 10mm of intumescent material as a pre-formedstrip or seal or Mineral or glass wool packed to a depth of at least 10 mm or A bead of intumescent paste or intumescent mastic

(2) Condition (1) not met All cases Provide -2 mm x 10mm of intumescent material as a pre-formed strip or seal or Mineral or glass wool packed to a depth of at least 10 mm or A bead of intumescent paste or intumescent mastic Provide -

2 mm x 10m of intumescent material as a pre-formed strip or seal or Mineral or glass wool packed to a depth of at least 10 mm or A bead of intumescent paste or intumescent mastic Guidance for joints between existing timber door frames and walls