

Listed Condition 15 – Fire upgrading doors.

We have agreed the below with the conservation specialist (Ian) and approved inspector the following fire upgrades:

1. Apply thermoguard Timbercoat paint as per manufacturers guidance.

4x coats - Timbercoat

2x coats - Thermoguard flame retardant topcoat (gloss or eggshell finish) RAL colour.

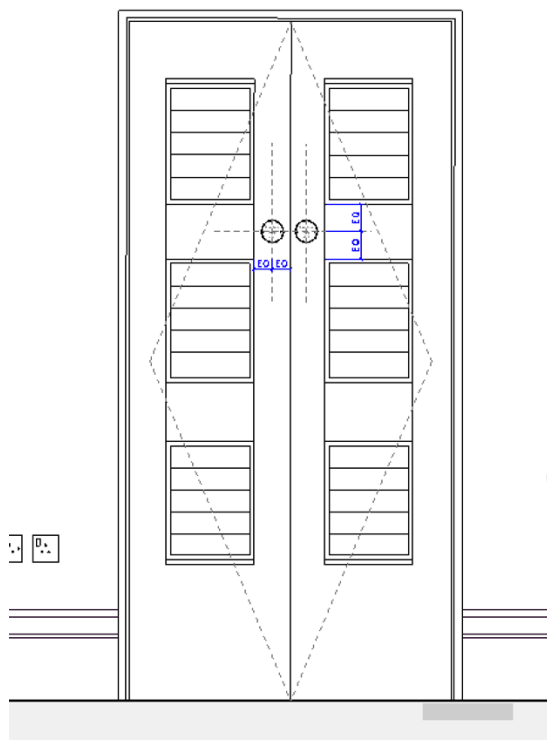
Abrade thoroughly before application. Ensure both sides of the door are treated.

<http://www.thermoguarduk.com/portfolio-items/30-60-mins-wood-varnish/>.

The 45mm doors don't need the panels replacing as they are compliant with the paint alone.

As per the attached door survey from HHS. There are some slimmer doors of 35mm depth with 9mm panels which are not suitable for painting only without replacing the infill panels. As discussed, the contractor found it difficult to replicate the panels without it looking chunky so it was agreed that the doors that are not suitable for a paint upgrade alone should be replaced with fully compliant fire doors to match the current design.

2. Router a suitably sized recess into the door edge and install new intumescent seal of the same size. Colour brown.
3. Add intumescent hinge packers behind new brass fire hinges.
4. Install new concealed door closers Astra 400 (brass) with closing speed adjustment. <http://www.astradoorcontrols.com/products/4000-series/>
5. Keep closed fire door signs on every leave, central to stile and panels. 76mm Dia SSS Fire Door Keep Shut Sign Drilled & Countersunk. Both sides - typical layout below. <https://www.lloydworral.co.uk/ironmongery/commercial/signage>



For complete clarity the existing fire doors are (as per the fire plans 150 & 151):

F-ED37 – New door

F-ED36 – New door

G-D22

G-ED06 (to be hung in opposite direction) These doors were measured incorrectly initially but are in fact the thicker door so don't need to be replaced.

G-ED05 - These doors were measured incorrectly initially but are in fact the thicker door so don't need to be replaced.

G-D27

G-ED04