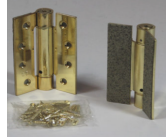


Hinges: where original, retain & refurbish

Add new self-closing brass fire rated 100mm hinge. (Envirograf product 71)



Upgrade to FR30 using intumescent paint *

44

Panels are about 16mm thick therefore suitable for upgrading by the application of an intumescent coating system.

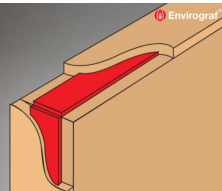
Intumescent paint application to room side*

Envirograf paint
1 x coat Hwap - clear primer @ 12m2 per litre
2 x coats HW01 - white intumescent @ 8m2 per litre per coat
1 x coat HW Ultra- white topcoat @ 12m2 per litre.

At about 44mm thick the panels and beads do not need to be treated.
(Envirograf product 103)

Fill in and repair all gaps.

Route 3x lengths of self adhesive intumescent strips to be fitted to door edges (Envirograf product 102)



Fit intumescent brush seals to any gap > 3.5mm (Envirograf product 69)



Hardwood lipping to bottom of door is required to close gaps for fire safety. The lipping will be to the same thickness of the existing door and will be fixed through to the bottom edge of the door with no fixings visible or impact on the outer faces of the door.

Door type 1 with flat panels with beads.

Hinges: where original, retain & refurbish

Add new self-closing brass fire rated 100mm hinge. (Envirograf product 71)

30

Door 30mm with 9mm thick panels; so door suitable for intumescent paint coating plus veneer system.

Intumescent paint + veneer application on room side.

Fill in and repair all gaps.

Panel - Assume 9mm thickness for upgrade

Rail/styles - 30mm min. thickness for upgrade.

Envirograf Kit DK1 is required (includes card/veneer). Apply on panels on room side.



Aluminium threshold to seal gaps 12mm-13mm under the door

Door type 2. Door with flat panels (stiles & rails)

0 100 200 300 400 500 mm



Revisions

PLANNING

45 Great Ormond Street
London, WC1N 3HZ

Details - Proposed doors upgrade

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Date
05/04/2024

Scale
1:5@A3

Job No.
2203

Dwg No.

C (45)003

Rev

01
003

Proposed elevation & section
1:10@A3