

CHANGE OF USE AT BLAIR CASTLE, DALRY

PROJECT REFERENCE: 2222

SCHEDULE SCH.01 - FIRE UPGRADING WORKS TO EXISTING INTERNAL DOORS

REVISION A: 06.03.23

REVISION B: 25.04.23

REVISION C: 28.06.23

SPECIFICATION NOTES:

INTUMESCENT COATINGS

Specifications are based on the recommendations of Lifeline Fire Prevention Ltd. using Envirograf systems and products. The Contractor should refer to Envirograf Technical Date document *IS_UDG-11-14* prior to application of the specified systems. Intumescent coatings are to be applied following completion of joinerwork repairs / alterations.

SPECIFICATION A - For the upgrading of flat panelled doors with door thickness over 30mm and panel thickness over 9mm to provide short duration fire protection - paint finish.

- 1 Remove all ironmongery and lay aside for re-use as appropriate.
- 2 Wash down door with soapy water - ensure doors are free from oil and grease.
- 3 Rub down stiles, rails, beads and panels with coarse glass paper.
- 4 Apply one coat HWAP / Primer (water-based) to stated face (including beads) @10 - 12 sq. mtrs / litre.
- 5 Apply one coat HW01 / F intumescent (water-based) to stated face (including beads) @ 8 sq. mtrs / litre.
- 6 Apply second coat HW01 / F intumescent (water-based) to stated face (including beads) @ 8 sq. mtrs / litre.
- 7 Apply one coat HW04S undercoat (solvent-based) to stated face (including beads) @ 12 sq. mtrs / litre.
- 8 Apply chosen topcoat.
- 9 Re-fit existing / replacement ironmongery with Envirograf paper for protection of ironmongery.

Allow every coat to dry thoroughly before applying subsequent coat of intumescent system.
Chosen topcoat is to be applied on same day as undercoat (do not leave without topcoat overnight).

SPECIFICATION B - For the upgrading of raised and fielded panelled doors to provide short duration fire protection - paint finish.

- 1 Remove all ironmongery and lay aside for re-use as appropriate.
- 2 Wash down door with soapy water - ensure doors are free from oil and grease.
- 3 Rub down stiles, rails, beads and panels with coarse glass paper.
- 4 Apply one coat HWAP / Primer (water-based) to stated face (including beads) @10 - 12 sq. mtrs / litre.
- 5 Apply one coat HW01 / F intumescent (water-based) to stated face (including beads) @ 8 sq. mtrs / litre.
- 6 Apply second coat HW01 / F intumescent (water-based) to stated face (including beads) @ 8 sq. mtrs / litre.
- 7 Apply one coat HW04S undercoat (solvent-based) to stated face (including beads) @ 12 sq. mtrs / litre.
- 8 Apply chosen topcoat.
- 9 Re-fit existing / replacement ironmongery with Envirograf paper for protection of ironmongery.

Allow every coat to dry thoroughly before applying subsequent coat of intumescent system.
Chosen topcoat is to be applied on same day as undercoat (do not leave without topcoat overnight).

SPECIFICATION C - For the upgrading of flat panelled doors with door thickness over 30mm and panel thickness 6 - 9mm to provide short duration fire protection - paint finish.

- 1 Remove all ironmongery and lay aside for re-use as appropriate.
- 2 Wash down door with soapy water - ensure doors are free from oil and grease.
- 3 Rub down stiles, rails, beads and panels with coarse glass paper.
- 4 Apply one coat HWAP / Primer (water-based) to stated face (excluding panels) @10 - 12 sq. mtrs / litre.
- 5 Apply one coat HW01 / F intumescent (water-based) to stated face (excluding panels) @ 8 sq. mtrs / litre.
- 6 Apply second coat HW01 / F intumescent (water-based) to stated face (excluding panels) @ 8 sq. mtrs / litre.
- 7 Cut and trim Envirograf intumescent card to the size of the panels to stated face (in between beads).
- 8 Apply one coat Stabond (Envirograf Product 93) (solvent-based) to panels only.
- 9 Apply IA adhesive to grey side of card and panels.
- 10 Adhere card to panels to stated face.
- 11 After four hours apply one coat HW04S undercoat (solvent-based) to whole of stated face including beads and panels @12 sq.mtrs / litre.
- 12 Apply chosen topcoat.

13 Re-fit existing / replacement ironmongery with Envirograf paper for protection of ironmongery.

Allow every coat to dry thoroughly before applying subsequent coat of intumescent system.

Chosen topcoat is to be applied on same day as undercoat (do not leave without topcoat overnight).

SPECIFICATION D - For the upgrading of flat panelled doors with door thickness over 42mm and panel thickness over 18mm to provide medium duration fire protection - paint finish.

- 1 Remove all ironmongery and lay aside for re-use as appropriate.
- 2 Wash down door with soapy water - ensure doors are free from oil and grease.
- 3 Rub down stiles, rails, beads and panels with coarse glass paper.
- 4 Apply one coat HWAP / Primer (water-based) to stated face (including beads) @10 - 12 sq. mtrs / litre.
- 5 Apply one coat HW01 / F intumescent (water-based) to stated face (including beads) @ 8 sq. mtrs / litre.
- 6 Apply second coat HW01 / F intumescent (water-based) to stated face (including beads) @ 8 sq. mtrs / litre.
- 7 Apply one coat HW04S undercoat (solvent-based) to stated face (including beads) @ 12 sq. mtrs / litre.
- 8 Apply chosen topcoat.
- 9 Re-fit existing / replacement ironmongery with Envirograf paper for protection of ironmongery.

Allow every coat to dry thoroughly before applying subsequent coat of intumescent system.

Chosen topcoat is to be applied on same day as undercoat (do not leave without topcoat overnight).

SPECIFICATION E - For the upgrading of flat panelled doors with door thickness over 42mm and panel thickness 12 - 18mm to provide medium duration fire protection - paint finish.

- 1 Remove all ironmongery and lay aside for re-use as appropriate.
- 2 Wash down door with soapy water - ensure doors are free from oil and grease.
- 3 Rub down stiles, rails, beads and panels with coarse glass paper.
- 4 Apply one coat HWAP / Primer (water-based) to stated face (excluding panels) @10 - 12 sq. mtrs / litre.
- 5 Apply one coat HW01 / F intumescent (water-based) to stated face (excluding panels) @ 8 sq. mtrs / litre.
- 6 Apply second coat HW01 / F intumescent (water-based) to stated face (excluding panels) @ 8 sq. mtrs / litre.
- 7 Cut and trim Envirograf intumescent card to the size of the panels to stated face (in between beads).
- 8 Apply one coat Stabond (Envirograf Product 93) (solvent-based) to panels only.
- 9 Apply IA adhesive to grey side of card and panels.
- 10 Adhere card to panels to stated face.
- 11 After four hours apply one coat HW04S undercoat (solvent-based) to whole of stated face including beads and panels @12 sq.mtrs / litre.
- 12 Apply chosen topcoat.
- 13 Re-fit existing / replacement ironmongery with Envirograf paper for protection of ironmongery.

Allow every coat to dry thoroughly before applying subsequent coat of intumescent system.

Chosen topcoat is to be applied on same day as undercoat (do not leave without topcoat overnight).

SPECIFICATION F - For the upgrading of raised and fielded panelled doors to provide short duration fire protection - paint finish.

- 1 Remove all ironmongery and lay aside for re-use as appropriate.
- 2 Wash down door with soapy water - ensure doors are free from oil and grease.
- 3 Rub down stiles, rails, beads and panels with coarse glass paper.
- 4 Apply one coat HWAP / Primer (water-based) to stated face (including beads) @10 - 12 sq. mtrs / litre.
- 5 Apply one coat HW01 / F intumescent (water-based) to stated face (including beads) @ 8 sq. mtrs / litre.
- 6 Apply second coat HW01 / F intumescent (water-based) to stated face (including beads) @ 8 sq. mtrs / litre.
- 7 Apply one coat HW04S undercoat (solvent-based) to stated face (including beads) @ 12 sq. mtrs / litre.
- 8 Apply chosen topcoat.
- 9 Re-fit existing / replacement ironmongery with Envirograf paper for protection of ironmongery.

Allow every coat to dry thoroughly before applying subsequent coat of intumescent system.

Chosen topcoat is to be applied on same day as undercoat (do not leave without topcoat overnight).

SPECIFICATION G - For the upgrading of flat panelled doors with door thickness over 42mm and panel thickness 12 - 18mm to provide medium duration fire protection - varnish finish.

- 1 Remove all ironmongery and lay aside for re-use as appropriate.
- 2 Wash down door with soapy water - ensure doors are free from oil and grease.
- 3 Rub down stiles, rails, beads and panels with coarse glass paper.
- 4 Apply one coat HWAP / Primer (water-based) to stated face (excluding panels) @10 - 12 sq. mtrs / litre.
- 5 Apply one coat HW02 / N intumescent (water-based) to stated face (excluding panels) @ 8 sq. mtrs / litre.
- 6 Apply second coat HW02 / N intumescent (water-based) to stated face (excluding panels) @ 8 sq. mtrs / litre.
- 7 Cut and trim chosen Envirograf intumescent veneer to the size of the panels to stated face (in between beads).
- 8 Apply one coat Stabond (Envirograf Product 93) (solvent-based) to panels only.
- 9 Apply IA adhesive to grey side of veneer and panels.
- 10 Adhere veneer to panels to stated face.

- 11 After four hours apply one coat HW/EXCEL clear topcoat (solvent-based) to whole of stated face including beads and panels @ 10 sq.mtrs / litre.
- 12 Re-fit existing / replacement ironmongery with Envirograf paper for protection of ironmongery.

Allow every coat to dry thoroughly before applying subsequent coat of intumescent system.
Chosen topcoat is to be applied on same day as undercoat (do not leave without topcoat overnight).

SPECIFICATION H - For the upgrading of raised and fielded panelled doors to provide medium duration fire protection - varnish finish.

- 1 Remove all ironmongery and lay aside for re-use as appropriate.
- 2 Wash down door with soapy water - ensure doors are free from oil and grease.
- 3 Rub down stiles, rails, beads and panels with coarse glass paper.
- 4 Apply one coat HWAP / Primer (water-based) to stated face (including beads) @10 - 12 sq. mtrs / litre.
- 5 Apply one coat HW02 / N intumescent (water-based) to stated face (including beads) @ 8 sq. mtrs / litre.
- 6 Apply second coat HW02 / N intumescent (water-based) to stated face (including beads) @ 8 sq. mtrs / litre.
- 7 After four hours apply one coat HW/EXCEL clear topcoat (solvent-based) to whole of stated face including beads and panels @ 10 sq.mtrs / litre.
- 8 Re-fit existing / replacement ironmongery with Envirograf paper for protection of ironmongery.

Allow every coat to dry thoroughly before applying subsequent coat of intumescent system.
Chosen topcoat is to be applied on same day as undercoat (do not leave without topcoat overnight).

IRONMONGERY - DOOR CLOSERS

Note: Contractor to confirm weight of door leaf prior to ordering and installing door closer.

- TYPE A** For short and medium duration doors weighing up to 80kg.
GEZE 2000 NV BC overhead door closer (or similar approved) with adjustable backcheck, EN size 2-4 suitable for doors up to 80kg and up to 1100mm in width. Certifire approved for use on up to FD120 fire-rated doors - CF 252 certification. CE marked to BS EN 1154.
- TYPE B** For medium duration doors weighing over 75kg.
DORMA BTS 80F floor spring (fixed power size EN4) c/w BTS80 single action accessory pack.

IRONMONGERY - FIRE AND SMOKE SEALS

- TYPE A** For short duration doors
10 x 4mm fire and smoke seal with "low friction" asymmetric fin smoke seal. Seal to be rebated into door leaf. Hinges and ironmongery which interrupt fire seals are to be bedded on intumescent mastic.
- TYPE B** For medium duration doors
20 x 4mm fire and smoke seal with "low friction" asymmetric fin smoke seal. Seal to be rebated into door leaf. Hinges and ironmongery which interrupt fire seals are to be bedded on intumescent mastic.

GLAZING

- TYPE A** For short duration doors
6mm Schott-Glass 'Pyran' fire-resistant glazing set in intumescent gasket. Glazing held in place with hardwood beads to match existing (minimum bead size 13 x 22mm).
- TYPE B** For medium duration doors
8mm thick Pilkington 'Pyroclear 60-002' fire-resistant glass installed in strict accordance with Certifire Certificate No. CF5140 (pages 24 - 25) to provide minimum 60 minutes fire resistance for integrity.
- TYPE C** For medium duration doors
10mm thick Pilkington 'Pyrodur 60-10' fire-resistant glass installed in strict accordance with Certifire Certificate No. CF328 (page 24) to provide minimum 60 minutes fire resistance for integrity.

DOOR NO.	D01
LOCATION	Third Floor - Green Bedroom
LEAF SIZE (h x w)	2010 x 910mm
STYLE	Four panel - flat (recessed)
THICKNESS	42mm
PANEL SIZE - UPPER (h x w)	930 x 329mm
PANEL SIZE - LOWER (h x w)	594 x 329mm
PANEL THICKNESS	18mm
BEAD SIZE	18mm
IRONMONGERY - CURRENT	Mortice sashlock with knob handles and escutcheons
HINGES - CURRENT	150mm - 2no.
CLOSER - CURRENT	Perko R1/R2
STRIP - CURRENT	None
FINISH	Paint
FIRE RATING	Short duration
INTUMESCENT COATING	Specification A - room face only
JOINERWORK	Adjust margins Remove existing concealed closer and patch door Install additional hinge (matching size, pattern and material)
IRONMONGERY	Closer - A / B (confirm weight of door) Intumescent Strip - A

DOOR NO.	D02
LOCATION	Third floor - Sewing Room
LEAF SIZE (h x w)	1995 x 910mm
STYLE	Four panel - flat (recessed)
THICKNESS	41mm
PANEL SIZE - UPPER (h x w)	925 x 323mm
PANEL SIZE - LOWER (h x w)	584 x 323mm
PANEL THICKNESS	18mm
BEAD SIZE	18mm
IRONMONGERY - CURRENT	Mortice sashlock with knob handles and escutcheons
HINGES - CURRENT	150mm - 2no.
CLOSER - CURRENT	Perko R1/R2
STRIP - CURRENT	None
FINISH	Paint
FIRE RATING	Short duration
INTUMESCENT COATING	Specification A - room face only
JOINERWORK	Raise door Remove existing concealed closer and patch door Install additional hinge (matching size, pattern and material)
IRONMONGERY	Closer - A / B (confirm weight of door) Intumescent Strip - A

DOOR NO.	D03
LOCATION	Third Floor: Fern Bedroom
LEAF SIZE (h x w)	1995 x 910mm
STYLE	Four panel - flat (recessed)
THICKNESS	41mm
PANEL SIZE - UPPER (h x w)	928 x 324mm
PANEL SIZE - LOWER (h x w)	583 x 324mm
PANEL THICKNESS	18mm
BEAD SIZE	18mm
IRONMONGERY - CURRENT	Mortice sashlock with knob handles and escutcheons
HINGES - CURRENT	150mm - 2no.
CLOSER - CURRENT	Perko R1/R2
STRIP - CURRENT	None
FINISH	Paint
FIRE RATING	Short duration
INTUMESCENT COATING	Specification A - room face only
JOINERWORK	Adjust margins Remove existing concealed closer and patch door Install additional hinge (matching size, pattern and material)
IRONMONGERY	Closer - A / B (confirm weight of door) Intumescent Strip - A

DOOR NO.	D04
LOCATION	Third Floor: Pink Bedroom
LEAF SIZE (h x w)	2010 x 907mm
STYLE	Four panel - flat (recessed)
THICKNESS	41mm
PANEL SIZE - UPPER (h x w)	930 x 325mm
PANEL SIZE - LOWER (h x w)	583 x 325mm
PANEL THICKNESS	18mm
BEAD SIZE	18mm
IRONMONGERY - CURRENT	Mortice sashlock with knob handles and escutcheons
HINGES - CURRENT	150mm - 2no.
CLOSER - CURRENT	Perko R1/R2
STRIP - CURRENT	None
FINISH	Paint
FIRE RATING	Short duration
INTUMESCENT COATING	Specification A - room face only
JOINERWORK	Remove twist Add to stile to reduce margin Raise door Remove existing concealed closer and patch door Install additional hinge (matching size, pattern and material)
IRONMONGERY	Closer - A / B (confirm weight of door) Intumescent Strip - A

DOOR NO.

LOCATION
 LEAF SIZE (h x w)
 STYLE
 THICKNESS
 PANEL SIZE - UPPER (h x w)
 PANEL SIZE - LOWER (h x w)
 PANEL THICKNESS
 BEAD SIZE
 IRONMONGERY - CURRENT
 HINGES - CURRENT
 CLOSER - CURRENT
 STRIP - CURRENT
 FINISH

D05

Third Floor: Cylinder Store (West Wing)
 2020 x 910mm
 Four Panel - flat (recessed) panel to landing face / raised and fielded to room face
 35mm
 928 x 296mm
 604 x 296mm
 18mm
 18mm
 Rim sashlock with knob handle
 125mm - 2no.
 None
 None
 Paint

FIRE RATING
 INTUMESCENT COATING
 JOINERWORK
 IRONMONGERY

Short duration
 Specification B - room face only
 Install additional hinge (matching size, pattern and material)
 Closer - not required
 Intumescent Strip - A

DOOR NO.

LOCATION
 LEAF SIZE (h x w)
 STYLE
 THICKNESS
 PANEL SIZE - UPPER (h x w)
 PANEL SIZE - LOWER (h x w)
 PANEL THICKNESS
 GLASS THICKNESS
 BEAD SIZE
 IRONMONGERY - CURRENT
 HINGES - CURRENT
 CLOSER - CURRENT
 STRIP - CURRENT
 FINISH

D06

Third Floor: Stair (West Wing)
 2008 x 905mm
 Four panel - glazed upper (non fire-rated) / flat (recessed) lower
 47mm
 944 x 321mm
 584 x 321mm
 23mm
 6mm
 18mm
 Latch (disabled) with knob handles
 125mm - 3no.
 Perko R1/R2 and overhead closer (ASEC)
 10mm intumescent
 Paint

FIRE RATING
 INTUMESCENT COATING
 JOINERWORK

Medium duration
 Specification D - both faces
 Adjust margins
 Reinstate latch
 Remove existing concealed closer and patch door
 Remove existing and install new glass as specification B
 Closer - A / B (confirm weight of door) or retain existing overhead closer if rating suitable
 Intumescent Strip - B

GLAZING
 IRONMONGERY

DOOR NO.	D07
LOCATION	Third Floor: Tower Room Corridor
LEAF SIZE (h x w)	2028 x 910mm
STYLE	Flush (modern)
THICKNESS	45mm
IRONMONGERY - CURRENT	Latch with knob handles / mortice lock
HINGES - CURRENT	125mm - 2no.
CLOSER - CURRENT	Perko R1/R2
STRIP - CURRENT	10mm intumescent
FINISH	Paint
FIRE RATING	Short duration
INTUMESCENT COATING	Not required
JOINERWORK	Remove and re-fit existing ironmongery with Envirograf paper for protection of ironmongery Remove existing concealed closer and patch door Install additional hinge (matching size, pattern and material)
IRONMONGERY	Closer - A Intumescent Strip - A

DOOR NO.	D08
LOCATION	Third Floor: Attic (South Wing)
LEAF SIZE (h x w)	1935 x 910mm
STYLE	Six Panel - raised and fielded / 6mm masterboard applied to inner face
THICKNESS	25mm
PANEL SIZE - UPPER (h x w)	250 x 294mm
PANEL SIZE - MID (h x w)	560 x 294mm
PANEL SIZE - LOWER (h x w)	570 x 294mm
PANEL THICKNESS	18mm
BEAD SIZE	12mm
IRONMONGERY - CURRENT	Rim sashlock with knob handles and escutcheons
HINGES - CURRENT	125mm - 2no.
CLOSER - CURRENT	None
STRIP - CURRENT	None
FINISH	Paint
FIRE RATING	Short duration (rating provided by prior application of masterboard to inner face)
INTUMESCENT COATING	Not required
JOINERWORK	Remove and re-fit existing ironmongery with Envirograf paper for protection of ironmongery. Install additional hinge (matching size, pattern and material)
IRONMONGERY	Closer - not required Intumescent Strip - A

DOOR NO.

LOCATION
 LEAF SIZE (h x w)
 STYLE
 THICKNESS
 PANEL SIZE - UPPER (h x w)
 PANEL SIZE - MID (h x w)
 PANEL SIZE - LOWER (h x w)
 PANEL THICKNESS
 BEAD SIZE
 IRONMONGERY - CURRENT
 HINGES - CURRENT
 CLOSER - CURRENT
 STRIP - CURRENT
 FINISH

D09

Third Floor: Painted Chamber
 1964 x 785mm
 Six Panel - flat (recessed) panel to corridor face / raised and fielded to room face
 25mm
 252 x 288mm
 640 x 288mm
 643 x 294mm
 25mm
 12mm
 Rim sashlock with knob handles
 125mm - 2no.
 None
 None
 Paint

FIRE RATING
 INTUMESCENT COATING
 JOINERWORK

Short duration (less than short duration only achievable due to leaf thickness)
 Specification B - room side only
 Adjust margins
 Install additional hinge (matching size, pattern and material)
 Closer - A / B (confirm weight of door)
 Intumescent Strip - A

IRONMONGERY

DOOR NO.

LOCATION
 LEAF SIZE
 STYLE
 THICKNESS
 IRONMONGERY - CURRENT
 HINGES - CURRENT
 CLOSER - CURRENT
 STRIP - CURRENT
 FINISH

D10

Third Floor: Main Store
 2020 x 910mm
 Flush (modern)
 45mm
 Latch with knob handles / mortice lock
 125mm - 2no.
 Perko R1/R2
 10mm intumescent
 Paint

FIRE RATING
 INTUMESCENT COATING
 JOINERWORK

Short duration
 Not required
 Remove and re-fit existing ironmongery with Envirograf paper for protection of ironmongery
 Remove existing concealed closer and patch door
 Install additional hinge (matching size, pattern and material)
 Closer - A
 Intumescent Strip - A

IRONMONGERY

DOOR NO.

LOCATION
 LEAF SIZE (h x w)
 STYLE
 THICKNESS
 IRONMONGERY - CURRENT
 HINGES - CURRENT
 CLOSER - CURRENT
 STRIP - CURRENT
 FINISH

D11

Third Floor: Attic Corridor
 1990 x 910mm
 Flush (modern)
 45mm
 Latch with knob handles
 125mm - 2no.
 Perko R1/R2
 10mm intumescent
 Paint

Medium duration
 Not required
 Remove existing door leaf and replace with medium duration (FD60) flush door leaf
 Reinstall latch set
 Install additional hinge (matching size, pattern and material)

Closer - A
 Intumescent Strip - B

FIRE RATING
 INTUMESCENT COATING
 JOINERWORK

IRONMONGERY

DOOR NO.

LOCATION
 LEAF SIZE (h x w)
 STYLE
 THICKNESS
 PANEL SIZE - UPPER (h x w)
 PANEL SIZE - MID (h x w)
 PANEL SIZE - LOWER (h x w)
 PANEL THICKNESS
 BEAD SIZE
 IRONMONGERY - CURRENT
 HINGES - CURRENT
 CLOSER - CURRENT
 STRIP - CURRENT
 FINISH

D12

Third Floor: Mary Queen of Scots' Bedroom
 1886 x 948mm
 Six panel - raised and fielded
 46mm
 272 x 355mm
 565 x 355mm
 605 x 355mm
 32mm
 18mm
 Mortice sashlock with knob handles and escutcheons
 125mm - 2no.
 Perko R1/R2
 10mm intumescent
 Paint

Medium duration
 Specification F - room face only
 Adjust margin at head
 Remove existing concealed closer and patch door
 Install additional hinge (matching size, pattern and material)

Closer - A / B (confirm weight of door)
 Intumescent Strip - B

FIRE RATING
 INTUMESCENT COATING
 JOINERWORK

IRONMONGERY

DOOR NO.

LOCATION	Second Floor: Wellingtonia Bedroom
LEAF SIZE (h x w)	2018 x 910mm
STYLE	Six panel - flat (recessed)
THICKNESS	46mm
PANEL SIZE - UPPER (h x w)	241 x 334mm
PANEL SIZE - MID (h x w)	632 x 334mm
PANEL SIZE - LOWER (h x w)	598 x 334mm
PANEL THICKNESS	16mm
BEAD SIZE	18mm
IRONMONGERY - CURRENT	Mortice sashlock with knob handles and escutcheons
HINGES - CURRENT	150mm - 2no.
CLOSER - CURRENT	Perko R1/R2
STRIP - CURRENT	None
FINISH	Paint
FIRE RATING	Medium duration
INTUMESCENT COATING	Specification E - room face only
JOINERWORK	Adjust margins Remove existing concealed closer and patch door Install additional hinge (matching size, pattern and material)
IRONMONGERY	Closer - A / B (confirm weight of door) Intumescent Strip - B

D13**DOOR NO.**

LOCATION	Second Floor: Brittany Bedroom
LEAF SIZE (h x w)	2004 x 907mm
STYLE	Six panel - flat (recessed)
THICKNESS	47mm
PANEL SIZE - UPPER (h x w)	245 x 334mm
PANEL SIZE - MID (h x w)	632 x 334mm
PANEL SIZE - LOWER (h x w)	593 x 334mm
PANEL THICKNESS	18mm
BEAD SIZE	18mm
IRONMONGERY - CURRENT	Mortice sashlock with knob handles and escutcheons
HINGES - CURRENT	150mm - 2no.
CLOSER - CURRENT	Perko R1/R2
STRIP - CURRENT	None
FINISH	Paint
FIRE RATING	Medium duration
INTUMESCENT COATING	Specification E - room face only
JOINERWORK	Remove twist Adjust margins Remove existing concealed closer and patch door Install additional hinge (matching size, pattern and material)
IRONMONGERY	Closer - A / B (confirm weight of door) Intumescent Strip - B

D14

DOOR NO.

LOCATION	Second Floor: Bombo Bedroom
LEAF SIZE (h x w)	2004 x 907mm
STYLE	Six panel - flat (recessed)
THICKNESS	47mm
PANEL SIZE - UPPER (h x w)	245 x 334mm
PANEL SIZE - MID (h x w)	632 x 334mm
PANEL SIZE - LOWER (h x w)	593 x 334mm
PANEL THICKNESS	18mm
BEAD SIZE	18mm
IRONMONGERY - CURRENT	Mortice sashlock with knob handles and escutcheons
HINGES - CURRENT	150mm - 2no.
CLOSER - CURRENT	Perko R1/R2
STRIP - CURRENT	None
FINISH	Paint

D15

FIRE RATING	Medium duration
INTUMESCENT COATING	Specification E - room face only
JOINERWORK	Remove twist Adjust margins Remove existing concealed closer and patch door Install additional hinge (matching size, pattern and material)
IRONMONGERY	Closer - A / B (confirm weight of door) Intumescent Strip - B

DOOR NO.

LOCATION	Second Floor: Linen Store (off West Wing Stair)
LEAF SIZE (h x w)	2013 x 910mm
STYLE	Six panel - flat (recessed)
THICKNESS	47mm
PANEL SIZE - UPPER (h x w)	240 x 334mm
PANEL SIZE - MID (h x w)	635 x 334mm
PANEL SIZE - LOWER (h x w)	588 x 334mm
PANEL THICKNESS	16mm
BEAD SIZE	18mm
IRONMONGERY - CURRENT	Mortice sashlock with knob handles and escutcheons
HINGES - CURRENT	150mm - 2no.
CLOSER - CURRENT	None
STRIP - CURRENT	None
FINISH	Paint

D16

FIRE RATING	Medium duration
INTUMESCENT COATING	Specification E - room face only
JOINERWORK	Adjust margins Install additional hinge (matching size, pattern and material)
IRONMONGERY	Closer - A / B (confirm weight of door) Intumescent Strip - B

DOOR NO.	D17
LOCATION	Second Floor: West Wing Corridor (adj. Linen Store)
LEAF SIZE (h x w)	2030 x 900mm
STYLE	Six panel - glazed upper and mid (non fire-rated) / flat (recessed lower)
THICKNESS	46mm
PANEL SIZE - UPPER (h x w)	238 x 319mm
PANEL SIZE - MID (h x w)	667 x 319mm
PANEL SIZE - LOWER (h x w)	571 x 319mm
PANEL THICKNESS	18mm
GLASS THICKNESS	6mm
BEAD SIZE	18mm
IRONMONGERY - CURRENT	Latch (disabled) with knob handles
HINGES - CURRENT	125mm - 2no.
CLOSER - CURRENT	Perko R1/R2 and overhead closer (ASEC)
STRIP - CURRENT	10mm intumescent
FINISH	Paint
FIRE RATING	Medium duration
INTUMESCENT COATING	Specification E - both faces
JOINERWORK	Remove twist and adjust margins Remove existing concealed closer and patch door Reinstate latch Install additional hinge (matching size, pattern and material)
GLAZING	Remove existing and install new glass as specification B / C
IRONMONGERY	Closer - A / B (confirm weight of door) or retain existing overhead closer if rating suitable Intumescent Strip - B

DOOR NO.	D18
LOCATION	Second Floor: Linen Store (adj. Charlie's Bedroom)
LEAF SIZE (h x w)	1985 x 905mm
STYLE	Six panel - raised and fielded
THICKNESS	42mm
PANEL SIZE - UPPER (h x w)	300 x 324mm
PANEL SIZE - MID (h x w)	580 x 324mm
PANEL SIZE - LOWER (h x w)	611 x 324mm
PANEL THICKNESS	18mm (25mm margin)
BEAD SIZE	9mm
IRONMONGERY - CURRENT	Mortice sashlock with knob handles and escutcheons / nightlatch
HINGES - CURRENT	125mm - 2no.
CLOSER - CURRENT	Perko R1/R2
STRIP - CURRENT	10mm intumescent
FINISH	Paint
FIRE RATING	Medium duration
INTUMESCENT COATING	Specification F - room face only
JOINERWORK	Adjust margins Remove existing concealed closer and patch door Install additional hinge (matching size, pattern and material)
IRONMONGERY	Closer - A Intumescent Strip - B

DOOR NO.

LOCATION Second Floor: Charlie's Bedroom
LEAF SIZE (h x w) 1975 x 905mm
STYLE Six panel - raised and fielded
THICKNESS 36mm
PANEL SIZE - UPPER (h x w) 292 x 335mm
PANEL SIZE - MID (h x w) 590 x 335mm
PANEL SIZE - LOWER (h x w) 601 x 335mm
PANEL THICKNESS 18mm (30mm margin)
BEAD SIZE 9mm
IRONMONGERY - CURRENT Mortice sashlock with knob handles and escutcheons
HINGES - CURRENT 150mm - 2no.
CLOSER - CURRENT Perko R1/R2
STRIP - CURRENT 10mm intumescent
FINISH Paint

D19

FIRE RATING Medium duration (short duration only achievable by upgrading due to leaf thickness)
INTUMESCENT COATING Specification F - room face only
JOINERWORK Remove existing door leaf, adjust stops as required and install new medium duration door leaf as detailed
IRONMONGERY Closer - A / B (confirm weight of door)
 Intumescent Strip - B

DOOR NO.

LOCATION Second Floor: Clare's Bedroom
LEAF SIZE (h x w) 1918 x 926mm
STYLE Six panel - raised and fielded
THICKNESS 42mm
PANEL SIZE - UPPER (h x w) 253 x 351mm
PANEL SIZE - MID (h x w) 630 x 351mm
PANEL SIZE - LOWER (h x w) 646 x 351mm
PANEL THICKNESS 32mm (22mm margin)
BEAD SIZE 18mm
IRONMONGERY - CURRENT Mortice sashlock with knob handles
HINGES - CURRENT 150mm - 2no.
CLOSER - CURRENT Perko R1/R2
STRIP - CURRENT 10mm intumescent
FINISH Paint

D20

FIRE RATING Medium duration
INTUMESCENT COATING Specification F - room face only
JOINERWORK Adjust margins
 Remove existing concealed closer and patch door
 Install additional hinge (matching size, pattern and material)
IRONMONGERY Closer - A / B (confirm weight of door)
 Intumescent Strip - B
 Install new escutcheons

DOOR NO. **D21**
LOCATION Second Floor: Store (off main landing)
LEAF SIZE (h x w) 1885 x 600mm
STYLE Two panel - raised and fielded to landing face / flat recessed to room face)
THICKNESS 39mm
PANEL SIZE - UPPER (h x w) 935 x 436mm
PANEL SIZE - LOWER (h x w) 566 x 436mm
PANEL THICKNESS 16mm (35mm margin)
BEAD SIZE 9mm
IRONMONGERY - CURRENT Mortice deadlock / knob handle / roller catch
HINGES - CURRENT 125mm - 2no.
CLOSER - CURRENT None
STRIP - CURRENT None
FINISH Paint

FIRE RATING Short duration
INTUMESCENT COATING Specification C - room face only
JOINERWORK Adjust margins
 Install additional hinge (matching size, pattern and material)
IRONMONGERY Closer - not required
 Intumescent Strip - A
 Install new escutcheons

DOOR NO. **D22**
LOCATION Second Floor: Jamie's Bedroom
LEAF SIZE (h x w) 1911 x 834mm
STYLE Six panel - raised and fielded to corridor face / flat (recessed) to room face
THICKNESS 35mm
PANEL SIZE - UPPER (h x w) 265 x 287mm
PANEL SIZE - MID (h x w) 560 x 287mm
PANEL SIZE - LOWER (h x w) 559 x 287mm
PANEL THICKNESS
BEAD SIZE 12mm
IRONMONGERY - CURRENT Mortice sashlock with knob handles
HINGES - CURRENT 150mm - 2no.
CLOSER - CURRENT Perko R1/R2
STRIP - CURRENT 10mm intumescent
FINISH Paint

FIRE RATING Medium duration (short duration only achievable by upgrading due to leaf thickness)
INTUMESCENT COATING Specification E - room face only
JOINERWORK Remove existing door leaf, adjust stops as required and install new medium duration door leaf as detailed
IRONMONGERY Closer - A / B (confirm weight of door)
 Intumescent Strip - B

DOOR NO.	D23
LOCATION	Second Floor: Lady Margaret's Bedroom
LEAF SIZE (h x w)	1935 x 910mm
STYLE	Six panel - flat (recessed) (with applied bead)
THICKNESS	45mm
PANEL SIZE - UPPER (h x w)	280 x 332mm
PANEL SIZE - MID (h x w)	532 x 332mm
PANEL SIZE - LOWER (h x w)	598 x 332mm
PANEL THICKNESS	12mm
BEAD SIZE	12mm
IRONMONGERY - CURRENT	Mortice sashlock with knob handles
HINGES - CURRENT	200mm - 2no.
CLOSER - CURRENT	Perko R1/R2
STRIP - CURRENT	10mm intumescent
FINISH	Paint
FIRE RATING	Medium duration
INTUMESCENT COATING	Specification E - room face only
JOINERWORK	Adjust margins Remove existing concealed closer and patch door Install additional hinge (matching size, pattern and material)
IRONMONGERY	Closer - A / B (confirm weight of door) Intumescent Strip - B Install new escutcheons

DOOR NO.	D24
LOCATION	Second Floor (East Wing): Magnolia Bedroom
LEAF SIZE (h x w)	2005 x 858mm
STYLE	Four panel - flat (recessed)
THICKNESS	43mm
PANEL SIZE - UPPER (h x w)	965 x 299mm
PANEL SIZE - LOWER (h x w)	560 x 299mm
PANEL THICKNESS	12mm
BEAD SIZE	18mm
IRONMONGERY - CURRENT	Mortice sashlock with knob handles and escutcheons
HINGES - CURRENT	150mm - 2no.
CLOSER - CURRENT	Perko R1/R2
STRIP - CURRENT	10mm intumescent
FINISH	Paint
FIRE RATING	Short duration
INTUMESCENT COATING	Specification A - room face only
JOINERWORK	Adjust margins Remove existing concealed closer and patch door Install additional hinge (matching size, pattern and material)
IRONMONGERY	Closer - A / B (confirm weight of door) Intumescent Strip - A

DOOR NO.
LOCATION
LEAF SIZE (h x w)
STYLE
THICKNESS
PANEL SIZE - UPPER (h x w)
PANEL SIZE - LOWER (h x w)
PANEL THICKNESS
BEAD SIZE
IRONMONGERY - CURRENT
HINGES - CURRENT
CLOSER - CURRENT
STRIP - CURRENT
FINISH

D25
 Second Floor (East Wing): White Bedroom IVS
 1980 x 838mm
 Four panel - recessed (modern door)
 45mm
 880 x 251mm
 608 x 251mm
 32mm
 None
 Mortice sashlock with knob handles and escutcheons
 125mm - 3no.
 None
 None
 Paint

FIRE RATING
INTUMESCENT COATING
JOINERWORK
IRONMONGERY

Medium duration
 Specification D - IVS side only
 Pack hinges
 Closer - A / B (confirm weight of door)
 Intumescent Strip - B

DOOR NO.
LOCATION
LEAF SIZE (h x w)
STYLE
THICKNESS
PANEL SIZE - UPPER (h x w)
PANEL SIZE - LOWER (h x w)
PANEL THICKNESS
BEAD SIZE
IRONMONGERY - CURRENT
HINGES - CURRENT
CLOSER - CURRENT
STRIP - CURRENT
FINISH

D26
 Second Floor (East Wing): Blue Bedroom
 2050 x 865mm
 Four panel - flat (recessed)
 42mm
 965 x 304mm
 605 x 304mm
 9mm
 18mm
 Mortice sashlock with knob handles and escutcheons
 150mm - 2no.
 Perko R1/R2
 10mm intumescent
 Paint

FIRE RATING
INTUMESCENT COATING
JOINERWORK

IRONMONGERY

Medium duration
 Specification E - room face only
 Adjust margins
 Remove existing concealed closer and patch door
 Remove existing panels and replace with 12mm WBP plywood panels cut to size and secured with existing beads
 Install additional hinge (matching size, pattern and material)
 Closer - A / B (confirm weight of door)
 Intumescent Strip - B

DOOR NO.	D27
LOCATION	Second Floor (East Wing): Linen Store
LEAF SIZE (h x w)	1985 x 860mm
STYLE	Four panel - flat (recessed)
THICKNESS	40mm
PANEL SIZE - UPPER (h x w)	965 x 299mm
PANEL SIZE - LOWER (h x w)	564 x 299mm
PANEL THICKNESS	12mm
BEAD SIZE	18mm
IRONMONGERY - CURRENT	Rim lock
HINGES - CURRENT	125mm - 2no.
CLOSER - CURRENT	None
STRIP - CURRENT	None
FINISH	Paint
FIRE RATING	Short duration
INTUMESCENT COATING	Specification A - room face only
JOINERWORK	Adjust margins Install additional hinge (matching size, pattern and material)
IRONMONGERY	Closer - Not required Intumescent Strip - A

DOOR NO.	D28
LOCATION	First Floor: Garnock Bedroom
LEAF SIZE (h x w)	2010 x 910mm
STYLE	Four panel - flat (recessed)
THICKNESS	41mm
PANEL SIZE - UPPER (h x w)	930 x 326mm
PANEL SIZE - LOWER (h x w)	592 x 326mm
PANEL THICKNESS	18mm
BEAD SIZE	18mm
IRONMONGERY - CURRENT	Mortice sashlock with knob handles
HINGES - CURRENT	150mm - 2no.
CLOSER - CURRENT	Perko R1/R2 and overhead closer (ASEC)
STRIP - CURRENT	10mm intumescent
FINISH	Paint
FIRE RATING	Medium duration
INTUMESCENT COATING	Specification E - room face only
JOINERWORK	Adjust margins Remove existing concealed closer and patch door Install additional hinge (matching size, pattern and material)
IRONMONGERY	Closer - A / B (confirm weight of door) or retain existing overhead closer if rating suitable Intumescent Strip - B

DOOR NO.

LOCATION First Floor: Butler's Pantry
LEAF SIZE (h x w) 1994 x 908mm
STYLE Four panel - flat (recessed)
THICKNESS 41mm
PANEL SIZE - UPPER (h x w) 935 x 325mm
PANEL SIZE - LOWER (h x w) 580 x 325mm
PANEL THICKNESS 9mm
BEAD SIZE 18mm
IRONMONGERY - CURRENT Mortice lock / Mortice sashlock with knob handles and escutcheons
HINGES - CURRENT 150mm - 2no.
CLOSER - CURRENT None
STRIP - CURRENT None
FINISH Paint

FIRE RATING Short duration
INTUMESCENT COATING Specification C - room face only
JOINERWORK Adjust margins
 Install additional hinge (matching size, pattern and material)
IRONMONGERY Closer - A / B (confirm weight of door)
 Intumescent Strip - A

DOOR NO.

LOCATION First Floor: Family Kitchen
LEAF SIZE (h x w) 2005 x 904mm
STYLE Four panel - flat (recessed)
THICKNESS 42mm
PANEL SIZE - UPPER (h x w) 930 x 325mm
PANEL SIZE - LOWER (h x w) 584 x 325mm
PANEL THICKNESS 14mm
BEAD SIZE 18mm
IRONMONGERY - CURRENT Mortice lock / Mortice sashlock (disabled) with knob handles
HINGES - CURRENT 150mm - 2no.
CLOSER - CURRENT Perko R1/R2 with overhead closer (Union Retro 3)
STRIP - CURRENT 10mm intumescent
FINISH Paint

FIRE RATING Medium duration
INTUMESCENT COATING Specification E - room face only
JOINERWORK Adjust margins
 Remove existing concealed closer and patch door
 Install additional hinge (matching size, pattern and material)
IRONMONGERY Closer - A / B (confirm weight of door) or retain existing overhead closer if rating suitable
 Intumescent Strip - B

DOOR NO.	D31
LOCATION	First Floor: Store (off West Wing Stair)
LEAF SIZE (h x w)	2005 x 904mm
STYLE	Four panel - flat (recessed) to stair face / raised and fielded to room face
THICKNESS	35mm
PANEL SIZE - UPPER (h x w)	930 x 347mm
PANEL SIZE - LOWER (h x w)	580 x 347mm
PANEL THICKNESS	14mm
BEAD SIZE	18mm
IRONMONGERY - CURRENT	Rim lock with knob handles and escutcheon
HINGES - CURRENT	150mm - 2no.
CLOSER - CURRENT	None
STRIP - CURRENT	None
FINISH	Paint
FIRE RATING	Short duration
INTUMESCENT COATING	Specification B - room face only
JOINERWORK	Install additional hinge (matching size, pattern and material)
IRONMONGERY	Closer - not required Intumescent Strip - A

DOOR NO.	D32
LOCATION	First Floor: Store (off West Wing Stair)
LEAF SIZE	2005 x 757mm
STYLE (h x w)	Four panel - flat (recessed) to stair face / raised and fielded to room face
THICKNESS	36mm
PANEL SIZE - UPPER (h x w)	930 x 248mm
PANEL SIZE - LOWER (h x w)	575 x 248mm
PANEL THICKNESS	14mm
BEAD SIZE	18mm
IRONMONGERY - CURRENT	Rim lock with knob handles and escutcheon
HINGES - CURRENT	150mm - 2no.
CLOSER - CURRENT	None
STRIP - CURRENT	None
FINISH	Paint
FIRE RATING	Short duration
INTUMESCENT COATING	Specification B - room face only
JOINERWORK	Adjust margins Install additional hinge (matching size, pattern and material)
IRONMONGERY	Closer - not required Intumescent Strip - A

DOOR NO.
LOCATION First Floor: Galley Servery (off West Wing Stair)
LEAF SIZE (h x w) 2000 x 904mm
STYLE Four panel - flat (recessed)
THICKNESS 42mm
PANEL SIZE - UPPER (h x w) 930 x 326mm
PANEL SIZE - LOWER (h x w) 585 x 326mm
PANEL THICKNESS 12mm
BEAD SIZE 18mm
IRONMONGERY - CURRENT Mortice lock / Mortice sashlock (disabled) with knob handles
HINGES - CURRENT 150mm - 2no.
CLOSER - CURRENT Perko R1/R2
STRIP - CURRENT 10mm intumescent
FINISH Paint

FIRE RATING Medium duration
INTUMESCENT COATING Specification E - room face only
JOINERWORK Adjust margins
Remove existing concealed closer and patch door
Install additional hinge (matching size, pattern and material)
IRONMONGERY Closer - A / B (confirm weight of door)
Intumescent Strip - B

DOOR NO.
LOCATION First Floor: Galley Servery (off Main Landing)
LEAF SIZE (h x w) 2017 x 985mm
STYLE Six panel - flat (recessed)
THICKNESS 38mm
PANEL SIZE - UPPER (h x w) 930 x 300mm
PANEL SIZE - MID (h x w) 554 x 300mm
PANEL SIZE - LOWER (h x w) 554 x 300mm
PANEL THICKNESS 8mm
BEAD SIZE 22mm
IRONMONGERY - CURRENT Mortice sashlock (disabled) with knob handles and escutcheons
HINGES - CURRENT 125mm - 2no.
CLOSER - CURRENT Perko R1/R2 and overhead closer (ASEC)
STRIP - CURRENT None
FINISH Varnished

FIRE RATING Medium duration (short duration only achievable due to leaf and panel thickness)
INTUMESCENT COATING Specification G - room face only
JOINERWORK Adjust margins
Remove existing closer and patch door
Install additional hinge (matching size, pattern and material)
IRONMONGERY Closer - A / B (confirm weight of door) or retain existing overhead closer if rating suitable
Intumescent Strip - B

DOOR NO.	D35
LOCATION	First Floor: Office
LEAF SIZE (h x w)	1996 x 903mm
STYLE	Four panel - flat (recessed)
THICKNESS	41mm
PANEL SIZE - UPPER (h x w)	925 x 323mm
PANEL SIZE - LOWER (h x w)	595 x 323mm
PANEL THICKNESS	11mm
BEAD SIZE	18mm
IRONMONGERY - CURRENT	Mortice sashlock with knob handles and escutcheons
HINGES - CURRENT	150mm - 2no.
CLOSER - CURRENT	Perko R1/R2 and overhead closer (Eurospec Easi-Exit)
STRIP - CURRENT	10mm intumescent
FINISH	Paint
FIRE RATING	Medium duration (short duration only achievable due to leaf and panel thickness)
INTUMESCENT COATING	Specification E - room face only
JOINERWORK	Adjust margins Remove existing panels and replace with 12mm WBP plywood panels cut to size and secured with existing beads Remove existing concealed closer and patch door Install additional hinge (matching size, pattern and material)
IRONMONGERY	Closer - A / B (confirm weight of door) or retain existing overhead closer if rating suitable Intumescent Strip - B

DOOR NO.	D36
LOCATION	First Floor: Dining Room
LEAF SIZE (h x w)	2090 x 1040mm
STYLE	Six panel - flat (recessed)
THICKNESS	42mm
PANEL SIZE - UPPER (h x w)	277 x 380mm
PANEL SIZE - MID (h x w)	810 x 380mm
PANEL SIZE - LOWER (h x w)	529 x 380mm
PANEL THICKNESS	12mm
BEAD SIZE	18mm to room face / 12mm to landing face
IRONMONGERY - CURRENT	Mortice sashlock with lever handles and escutcheons
HINGES - CURRENT	100mm - 2no.
CLOSER - CURRENT	Perko R1/R2
STRIP - CURRENT	10mm intumescent strip in frame
FINISH	French polished to landing face / light varnish to room face
FIRE RATING	Medium duration
INTUMESCENT COATING	Specification G - room face only
JOINERWORK	Install additional hinge (matching size, pattern and material)
IRONMONGERY	Closer - B Intumescent Strip - B

DOOR NO.

LOCATION
 LEAF SIZE (h x w)
 STYLE
 THICKNESS
 PANEL SIZE - UPPER (h x w)
 PANEL SIZE - MID (h x w)
 PANEL SIZE - LOWER (h x w)
 PANEL THICKNESS
 BEAD SIZE
 IRONMONGERY - CURRENT
 HINGES - CURRENT
 CLOSER - CURRENT
 STRIP - CURRENT
 FINISH

D37

First Floor: Drawing Room
 2250 x 1050mm
 Six panel - flat (recessed) to landing face / raised and fielded to room face
 46mm
 260 x 232mm
 575 x 232mm
 550 x 232mm
 18mm
 18mm
 Mortice sashlock with knob handles and escutcheons
 125mm rising butt - 2no.
 Rising butt hinges
 10mm intumescent strip in frame
 French polished

FIRE RATING
 INTUMESCENT COATING
 JOINERWORK
 IRONMONGERY

Medium duration
 Specification H - room face only
 Remove existing hinges and replace including installation of additional (third) hinge
 Closer - B
 Intumescent Strip - B

DOOR NO.

LOCATION
 LEAF SIZE (h x w)
 STYLE
 THICKNESS
 PANEL SIZE - UPPER (h x w)
 PANEL SIZE - MID (h x w)
 PANEL SIZE - LOWER (h x w)
 PANEL THICKNESS
 BEAD SIZE
 IRONMONGERY - CURRENT
 HINGES - CURRENT
 CLOSER - CURRENT
 STRIP - CURRENT
 FINISH

D38

First Floor: Sitting Room
 1950 x 987mm
 Six panel - raised and fielded to landing face / flat (recessed) to room face
 42mm
 280 x 355mm
 570 x 355mm
 559 x 355mm
 18mm
 18mm
 Mortice sashlock with knob handles
 200mm - 2no.
 Perko R1/R2
 10mm intumescent
 Paint

FIRE RATING
 INTUMESCENT COATING
 JOINERWORK

Medium duration
 Specification E - room face only
 Adjust margins
 Remove existing concealed closer and patch door
 Install additional hinge (matching size, pattern and material)
 Closer - A / B (confirm weight of door)
 Intumescent Strip - B

IRONMONGERY

DOOR NO.

LOCATION First Floor: Cecily Blair Sitting Room
 LEAF SIZE (h x w) 1996 x 908mm
 STYLE Six panel - flat (recessed) to landing face / raised and fielded to room face
 THICKNESS 51mm
 PANEL SIZE - UPPER (h x w) 260 x 326mm
 PANEL SIZE - MID (h x w) 625 x 326mm
 PANEL SIZE - LOWER (h x w) 577 x 326mm
 PANEL THICKNESS 18mm
 BEAD SIZE 18mm
 IRONMONGERY - CURRENT Mortice sashlock with knob handles and escutcheons
 HINGES - CURRENT 150mm - 2no.
 CLOSER - CURRENT Perko R1/R2
 STRIP - CURRENT 10mm intumescent
 FINISH Paint

FIRE RATING Medium duration
 INTUMESCENT COATING Specification E - room face only
 JOINERWORK Adjust margins
 Remove existing concealed closer and patch door
 Install additional hinge (matching size, pattern and material)
 IRONMONGERY Closer - A / B (confirm weight of door)
 Intumescent Strip - B

DOOR NO.

LOCATION First Floor: Wisteria Bedroom
 LEAF SIZE (h x w) 1993 x 897mm
 STYLE Six panel - flat (recessed) with planted bead
 THICKNESS 42mm
 PANEL SIZE - UPPER (h x w) 267 x 331mm
 PANEL SIZE - MID (h x w) 590 x 331mm
 PANEL SIZE - LOWER (h x w) 630 x 331mm
 PANEL THICKNESS 9mm
 BEAD SIZE 12mm
 IRONMONGERY - CURRENT Mortice sashlock with knob handles and escutcheons
 HINGES - CURRENT 150mm - 2no.
 CLOSER - CURRENT Perko R1/R2
 STRIP - CURRENT 10mm intumescent
 FINISH Paint

FIRE RATING Medium duration (short duration only achievable due to panel thickness)
 INTUMESCENT COATING Specification E - room face only
 JOINERWORK Adjust margins
 Remove existing panels and replace with 12mm WBP plywood panels cut to size and secured with existing beads
 Remove existing concealed closer and patch door
 Install additional hinge (matching size, pattern and material)
 IRONMONGERY Closer - A / B (confirm weight of door)
 Intumescent Strip - B

DOOR NO.	D41
LOCATION	Mezzanine Floor (East Wing): Sam's Bedroom
LEAF SIZE (h x w)	1993 x 897mm
STYLE	Six panel - raised and fielded
THICKNESS	39mm
PANEL SIZE - UPPER (h x w)	262 x 345mm
PANEL SIZE - MID (h x w)	595 x 345mm
PANEL SIZE - LOWER (h x w)	607 x 345mm
PANEL THICKNESS	12mm (30mm margin)
BEAD SIZE	18mm
IRONMONGERY - CURRENT	Mortice sashlock with knob handles and escutcheons
HINGES - CURRENT	150mm - 2no.
CLOSER - CURRENT	Perko R1/R2
STRIP - CURRENT	10mm intumescent
FINISH	Paint
FIRE RATING	Medium duration (short duration only achievable due to leaf thickness)
INTUMESCENT COATING	Specification E - room face only
JOINERWORK	Remove existing door leaf, adjust stops as required and install new medium duration door leaf as detailed
IRONMONGERY	Closer - A / B (confirm weight of door) Intumescent Strip - B

DOOR NO.	D42
LOCATION	Mezzanine Floor (East Wing): Lilac Bedroom
LEAF SIZE (h x w)	1950 x 895mm
STYLE	Six panel - flat (recessed) with planted bead
THICKNESS	42mm
PANEL SIZE - UPPER (h x w)	265 x 324mm
PANEL SIZE - MID (h x w)	595 x 324mm
PANEL SIZE - LOWER (h x w)	595 x 324mm
PANEL THICKNESS	9mm
BEAD SIZE	12mm
IRONMONGERY - CURRENT	Mortice sashlock with knob handles and escutcheons
HINGES - CURRENT	150mm - 2no.
CLOSER - CURRENT	Perko R1/R2
STRIP - CURRENT	10mm intumescent
FINISH	Paint
FIRE RATING	Medium duration
INTUMESCENT COATING	Specification E - room face only
JOINERWORK	Remove existing hinges and replace including installation of additional (third) hinge Remove existing concealed closer and patch door Remove existing panels and replace with 12mm WBP plywood panels cut to size and secured with existing beads
IRONMONGERY	Closer - A / B (confirm weight of door) Intumescent Strip - B

DOOR NO.

LOCATION Mezzanine Floor (East Wing): Linen Store
LEAF SIZE (h x w) 1788 x 790mm
STYLE Six panel - raised and fielded to landing face / flat (recessed) to room face
THICKNESS 28mm
PANEL SIZE - UPPER (h x w) 260 x 298mm
PANEL SIZE - MID (h x w) 512 x 298mm
PANEL SIZE - LOWER (h x w) 512 x 298mm
PANEL THICKNESS 18mm (38mm margin)
BEAD SIZE 12mm
IRONMONGERY - CURRENT Rim lock with escutcheon
HINGES - CURRENT 100mm - 2no.
CLOSER - CURRENT None
STRIP - CURRENT None
FINISH Paint

FIRE RATING Short duration
INTUMESCENT COATING Specification A - room face only
JOINERWORK Adjust margins
 Install additional hinge (matching size, pattern and material)
IRONMONGERY Closer - not required
 Intumescent Strip - A

DOOR NO.

LOCATION Ground Floor (West Wing): Office
LEAF SIZE (h x w) 2000 x 910mm
STYLE Four panel - flat (recessed)
THICKNESS 40mm
PANEL SIZE - UPPER (h x w) 925 x 329mm
PANEL SIZE - LOWER (h x w) 580 x 329mm
PANEL THICKNESS 11mm
BEAD SIZE 18mm
IRONMONGERY - CURRENT Rim sashlock with knob handles
HINGES - CURRENT 150mm - 2no.
CLOSER - CURRENT None
STRIP - CURRENT None
FINISH Paint

FIRE RATING Medium duration (short duration only achievable due to leaf thickness)
INTUMESCENT COATING Specification E - room face only
 Remove existing door leaf, adjust stops as required and install new medium duration door leaf as detailed
IRONMONGERY Closer - A / B (confirm weight of door)
 Intumescent Strip - B

DOOR NO.	D45
LOCATION	Ground Floor (West Wing): Italian Room
LEAF SIZE (h x w)	1983 x 910mm
STYLE	Four panel - flat (recessed)
THICKNESS	40mm
PANEL SIZE - UPPER (h x w)	930 x 326mm
PANEL SIZE - LOWER (h x w)	578 x 326mm
PANEL THICKNESS	9mm
BEAD SIZE	18mm
IRONMONGERY - CURRENT	Rim sashlock with knob handles and escutcheons
HINGES - CURRENT	150mm - 2no.
CLOSER - CURRENT	None
STRIP - CURRENT	None
FINISH	Paint
FIRE RATING	Medium duration (short duration only achievable due to leaf thickness)
INTUMESCENT COATING	Specification E - room face only Remove existing door leaf, adjust stops as required and install new medium duration door leaf as detailed
IRONMONGERY	Closer - A / B (confirm weight of door) Intumescent Strip - B

DOOR NO.	D46
LOCATION	Ground Floor (West Wing): Rose Garden Room
LEAF SIZE (h x w)	2000 x 905mm
STYLE	Four panel - flat (recessed)
THICKNESS	40mm
PANEL SIZE - UPPER (h x w)	925 x 325mm
PANEL SIZE - LOWER (h x w)	582 x 325mm
PANEL THICKNESS	9mm
BEAD SIZE	18mm
IRONMONGERY - CURRENT	Rim sashlock with knob handles and escutcheons / budget lock
HINGES - CURRENT	150mm - 2no.
CLOSER - CURRENT	None
STRIP - CURRENT	None
FINISH	Paint
FIRE RATING	Medium duration (short duration only achievable due to leaf thickness)
INTUMESCENT COATING	Specification E - room face only Remove existing door leaf, adjust stops as required and install new medium duration door leaf as detailed
IRONMONGERY	Closer - A / B (confirm weight of door) Intumescent Strip - B

DOOR NO.	D47
LOCATION	Ground Floor (West Wing): Corridor (adj. Rose Garden Room)
LEAF SIZE (h x w)	2005 x 915mm
STYLE	Four panel - glazed upper (non fire-rated) / flat (recessed) lower
THICKNESS	46mm
PANEL THICKNESS	18mm
BEAD SIZE	18mm
IRONMONGERY - CURRENT	Latch (disabled) with knob handles
HINGES - CURRENT	125mm - 2no.
CLOSER - CURRENT	Overhead closer
STRIP - CURRENT	10mm
FINISH	Paint
FIRE RATING	Medium duration
INTUMESCENT COATING	Specification E - both faces
JOINERWORK	Adjust margins Reinstate latch Install additional hinge (matching size, pattern and material)
GLAZING	Remove existing and install new glass as specification B / C
IRONMONGERY	Closer - A / B (confirm weight of door) Intumescent Strip - B

DOOR NO.	D48
LOCATION	Ground Floor (West Wing): Still Room
LEAF SIZE (h x w)	2020 x 935mm
STYLE	Four panel - flat (recessed)
THICKNESS	42mm
PANEL SIZE - UPPER (h x w)	964 x 334mm
PANEL SIZE - LOWER (h x w)	569 x 334mm
PANEL THICKNESS	12mm
BEAD SIZE	18mm
IRONMONGERY - CURRENT	Rim sashlock with knob handles
HINGES - CURRENT	150mm - 2no.
CLOSER - CURRENT	Perko R1/R2
STRIP - CURRENT	10mm intumescent
FINISH	Paint
FIRE RATING	Medium duration
INTUMESCENT COATING	Specification E - room face only
JOINERWORK	Adjust margins Install additional hinge (matching size, pattern and material)
IRONMONGERY	Closer - A / B (confirm weight of door) Intumescent Strip - B

DOOR NO.	D49
LOCATION	Ground Floor (West Wing): Switch Room
LEAF SIZE (h x w)	2005 x 905mm
STYLE	Four panel - flat (recessed) (lined internally with 2 layers 12.5mm Gyproc Fireline board)
THICKNESS	40mm
PANEL SIZE - UPPER (h x w)	930 x 324mm
PANEL SIZE - LOWER (h x w)	587 x 324mm
PANEL THICKNESS	9mm
BEAD SIZE	18mm
IRONMONGERY - CURRENT	Rim sashlock with knob handles and escutcheon
HINGES - CURRENT	150mm - 2no.
CLOSER - CURRENT	None
STRIP - CURRENT	10mm intumescent
FINISH	Paint
FIRE RATING	Medium duration (short duration only achievable due to leaf and panel thickness)
INTUMESCENT COATING	Specification E - room face only
JOINERWORK	Remove existing door leaf, adjust stops as required and install new medium duration door leaf as detailed
IRONMONGERY	Closer - A / B (confirm weight of door) Intumescent Strip - B

DOOR NO.	D50
LOCATION	Ground Floor (West Wing): Catering Kitchen
LEAF SIZE (h x w)	2000 x 985mm
STYLE	Four panel - flat (recessed)
THICKNESS	40mm
PANEL SIZE - UPPER (h x w)	930 x 362mm
PANEL SIZE - LOWER (h x w)	578 x 362mm
PANEL THICKNESS	9mm
BEAD SIZE	18mm
IRONMONGERY - CURRENT	Rim sashlock with knob handles and escutcheon
HINGES - CURRENT	150mm - 2no.
CLOSER - CURRENT	None
STRIP - CURRENT	10mm intumescent
FINISH	Paint
FIRE RATING	Medium duration (short duration only achievable due to leaf and panel thickness)
INTUMESCENT COATING	Specification E - room face only
JOINERWORK	Remove existing door leaf, adjust stops as required and install new medium duration door leaf as detailed
IRONMONGERY	Closer - A / B (confirm weight of door) Intumescent Strip - B

DOOR NO.

LOCATION
 LEAF SIZE (h x w)
 STYLE
 THICKNESS
 PANEL SIZE - UPPER (h x w)
 PANEL SIZE - LOWER (h x w)
 PANEL THICKNESS
 BEAD SIZE
 IRONMONGERY - CURRENT
 HINGES - CURRENT
 CLOSER - CURRENT
 STRIP - CURRENT
 FINISH

D51

Ground Floor: Guards' Room
 1872 x 982mm
 Two panel - glazed upper (non-fire rated) / flat (recessed) lower
 42mm
 895 x 852mm
 474 x 852mm
 12mm
 18mm to upper / 50mm cloaked bead to lower
 Latch with knob handles
 150mm - 2no.
 Overhead closer
 None
 Varnish

FIRE RATING
 INTUMESCENT COATING
 JOINERWORK

GLAZING
 IRONMONGERY

Medium duration
 Specification G - room face only
 Adjust margins
 Install additional hinge (matching size, pattern and material)
 Remove existing and install new glass as specification A / B
 Closer - A / B (confirm weight of door) or retain existing closer if rating suitable.
 Intumescent Strip - B

DOOR NO.

LOCATION
 LEAF SIZE (h x w)
 STYLE
 THICKNESS
 PANEL SIZE - UPPER (h x w)
 PANEL SIZE - LOWER (h x w)
 PANEL THICKNESS
 BEAD SIZE
 IRONMONGERY - CURRENT
 HINGES - CURRENT
 CLOSER - CURRENT
 STRIP - CURRENT
 FINISH

D52

Ground Floor (West Wing): North Corridor (adj. Wine Cellar)
 2030 x 882mm
 Four panel - flat (recessed)
 40mm
 840 x 278mm
 661 x 278mm
 9mm
 32mm
 Mortice sashlock with thumbturn
 150mm - 2no.
 Overhead closer (72 Series size 3)
 None
 Paint

FIRE RATING
 INTUMESCENT COATING
 JOINERWORK

IRONMONGERY

Short duration
 Specification A - both faces
 Adjust margins
 Install additional hinge (matching size, pattern and material)
 Closer - A / B (confirm weight of door)
 Intumescent Strip - A

DOOR NO.

LOCATION

LEAF SIZE (h x w)

STYLE

THICKNESS

PANEL SIZE - UPPER (h x w)

PANEL SIZE - LOWER (h x w)

PANEL THICKNESS

GLASS THICKNESS

BEAD SIZE

IRONMONGERY - CURRENT

HINGES - CURRENT

CLOSER - CURRENT

STRIP - CURRENT

FINISH

FIRE RATING

INTUMESCENT COATING

JOINERWORK

GLAZING

IRONMONGERY

D53

Ground Floor: Guard Room Corridor

2020 x 955mm

Three panel - glazed single upper (non fire-rated) / flat (recessed) lower (one side) and flush (other side) with routed groove

42mm

640 x 771mm

865 x 335mm

25mm

6mm (etched)

18mm

Mortice sashlock (disabled) with knob handles

125mm - 2no.

Overhead closer

10mm intumescent

Paint

Medium duration

Specification E - both faces

Adjust margins

Install additional hinge (matching size, pattern and material)

Remove existing and install new glass as [specification A / B](#)

Closer - A or retain existing overhead closer if rating suitable

Intumescent Strip - B

DOOR NO.

LOCATION

LEAF SIZE (h x w)

STYLE

THICKNESS

IRONMONGERY - CURRENT

HINGES - CURRENT

CLOSER - CURRENT

STRIP - CURRENT

FINISH

FIRE RATING

INTUMESCENT COATING

JOINERWORK

IRONMONGERY

D54

Ground Floor (East Wing): Staff Changing

1970 x 985mm

Flush (modern)

45mm

Mortice sashlock with knob handles / mortice deadlock / budget lock / 450mm square louvred ventilation grille

150mm - 2no.

Overhead closer

10mm intumescent

Paint

Medium duration

None

Remove existing door leaf and replace with medium duration (FD60) flush door leaf

Reinstall ironmongery

Install additional hinge (matching size, pattern and material)

Install fire-rated louvred grille (if required)

Closer - A / B or reinstall existing overhead closer if rating suitable

Intumescent Strip - B

DOOR NO.	D55
LOCATION	Ground Floor (East Wing): Stair
LEAF SIZE (h x w)	2025 x782mm
STYLE	Three panel - flush on corridor face / flat (recessed) on stair face / oval glazed aperture set into upper panel (non fire-rated)
THICKNESS	45mm
PANEL SIZE - UPPER (h x w)	635 x 608mm (glazed aperture - 340 x 275mm)
PANEL SIZE - LOWER (h x w)	926 x 266mm
PANEL THICKNESS	18mm
GLASS THICKNESS	6mm
BEAD SIZE	18mm
IRONMONGERY - CURRENT	Mortice sashlock (disabled) with knob handles / mortice deadlock
HINGES - CURRENT	150mm - 2no.
CLOSER - CURRENT	Perko R1/R2 and overhead closer
STRIP - CURRENT	None
FINISH	Paint
FIRE RATING	Short duration
INTUMESCENT COATING	Specification A - both faces
JOINERWORK	Adjust margins Install additional hinge (matching size, pattern and material)
GLAZING	Remove existing and install new glass as specification A
IRONMONGERY	Closer - A / B (confirm weight of door) or retain existing closer if rating suitable Intumescent Strip - A

DOOR NO.	D56
LOCATION	Ground Floor (East Wing): Staff Room
LEAF SIZE (h x w)	1887 x 852mm
STYLE	Six panel - raised and fielded
THICKNESS	42mm
PANEL SIZE - UPPER (h x w)	270 x 296mm
PANEL SIZE - MID (h x w)	582 x 296mm
PANEL SIZE - LOWER (h x w)	576 x 298mm
PANEL THICKNESS	25mm
BEAD SIZE	18mm
IRONMONGERY - CURRENT	Rim sashlock with knob handles and escutcheons
HINGES - CURRENT	150mm - 2no.
CLOSER - CURRENT	Perko R1/R2
STRIP - CURRENT	10mm intumescent
FINISH	Paint
FIRE RATING	Medium duration
INTUMESCENT COATING	Specification D - room face only
JOINERWORK	Adjust margins Install additional hinge (matching size, pattern and material)
IRONMONGERY	Closer - A / B (confirm weight of door) Intumescent Strip - B

DOOR NO.	D57
LOCATION	Ground Floor (East Wing): Comms. Store
LEAF SIZE (h x w)	2010 x 810mm
STYLE	Four panel - flat (recessed) to corridor face / raised and fielded to room face
THICKNESS	30mm
PANEL SIZE - UPPER (h x w)	960 x 259mm
PANEL SIZE - LOWER (h x w)	560 x 259mm
PANEL THICKNESS	9mm
BEAD SIZE	50mm (cloaked)
IRONMONGERY - CURRENT	Rim sashlock with knob handles and escutcheons / 2no. ventilation grilles in bottom rail
HINGES - CURRENT	100mm - 2no.
CLOSER - CURRENT	None
STRIP - CURRENT	None
FINISH	Paint
FIRE RATING	Short duration
INTUMESCENT COATING	Specification B - room face only
JOINERWORK	Adjust margins Install additional hinge (matching size, pattern and material) Patch ventilation holes Remove existing ventilation grilles and install new fire-rated grilles
IRONMONGERY	Closer - not required Intumescent Strip - A

DOOR NO.	D58
LOCATION	Ground Floor (South Wing): Undercroft
LEAF SIZE (h x w)	1975 x 912mm
STYLE	Three panel - raised and fielded upper (single) / flat (recessed) lower
THICKNESS	41mm
PANEL SIZE - UPPER (h x w)	616 x 772mm
PANEL SIZE - LOWER (h x w)	1011 x 344mm
PANEL THICKNESS	12mm
BEAD SIZE	32mm (cloaked) to upper / 12mm to lower
IRONMONGERY - CURRENT	Mortice latch with knob handles
HINGES - CURRENT	100mm - 2no.
CLOSER - CURRENT	Perko R1/R2 and overhead closer (ASEC)
STRIP - CURRENT	10mm intumescent
FINISH	Varnish
FIRE RATING	Medium duration
INTUMESCENT COATING	Specification G - room face only
JOINERWORK	Adjust margin at head Install additional hinge (matching size, pattern and material) Remove existing concealed closer and patch door
IRONMONGERY	Closer - A / B (confirm weight of door) or retain existing overhead closer if rating suitable Intumescent strip - B

DOOR NO.

LOCATION
LEAF SIZE(h x w)
STYLE
THICKNESS
LINING THICKNESS
IRONMONGERY - CURRENT
HINGES - CURRENT
CLOSER - CURRENT
STRIP - CURRENT
FINISH

D59

Basement (West Wing): Corridor
2030 x 908mm
Ledged and framed door with vertical lining
47mm
19mm
Rim sashlock with knob handles
150mm - 2no.
Overhead closer
None
Paint

Medium
None
Remove existing door leaf and replace with medium duration (FD60) flush door leaf
Reinstall ironmongery
Install additional hinge (matching size, pattern and material)
Closer - A / B or reinstall existing overhead closer if rating suitable
Intumescent Strip - B

FIRE RATING
INTUMESCENT COATING
JOINERWORK

IRONMONGERY

DOOR NO.

LOCATION
LEAF SIZE (h x w)
STYLE
THICKNESS
LINING THICKNESS
IRONMONGERY - CURRENT
HINGES - CURRENT
CLOSER - CURRENT
STRIP - CURRENT
FINISH

D60

Basement (West Wing): Workshop
2030 x 908mm
Ledged and framed door with vertical lining
47mm
19mm
Rim sashlock with knob handles
150mm - 2no.
Overhead closer
None
Paint

Medium
None
Remove existing door leaf and replace with medium duration (FD60) flush door leaf
Reinstall ironmongery
Install additional hinge (matching size, pattern and material)
Closer - A / B or reinstall existing overhead closer if rating suitable
Intumescent Strip - B

FIRE RATING
INTUMESCENT COATING
JOINERWORK

IRONMONGERY

DOOR NO.	D61
LOCATION	Basement (West Wing): Boiler Room
LEAF SIZE (h x w)	2030 x 790mm
STYLE	Flush Panel (modern)
THICKNESS	45mm
IRONMONGERY - CURRENT	Mortice latch with lever handles
HINGES - CURRENT	100mm - 2no.
CLOSER - CURRENT	Overhead closer
STRIP - CURRENT	20mm intumescent / smoke seal
FINISH	Unfinished
FIRE RATING	Medium
INTUMESCENT COATING	None
JOINERWORK	Remove existing door leaf and replace with medium duration (FD60) flush door leaf Reinstall ironmongery Install additional hinge (matching size, pattern and material)
IRONMONGERY	Closer - A / B or reinstall existing overhead closer if rating suitable Intumescent Strip - B