



FIRETEC E30
DESIGNERS GUIDE

SYSTEM NAME

FIRETEC

FIRE RATING

E30 (30/0)

NOTES

TITLE

FIRETEC - E30
DOORHEAD OPTIONS

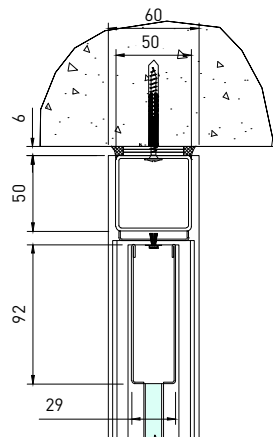
DRAWING NUMBER

SYSTEM TYPE	FIRE RATING	DETAIL TYPE	DETAIL No
FRTC	E30	HD	01

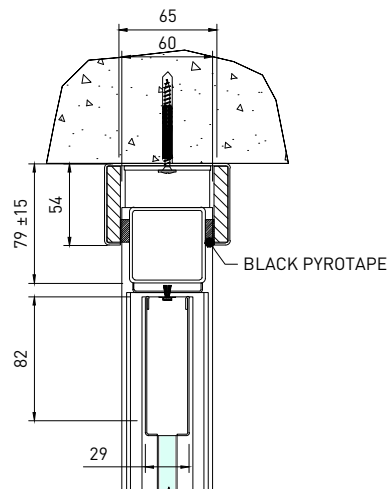
REVISION D

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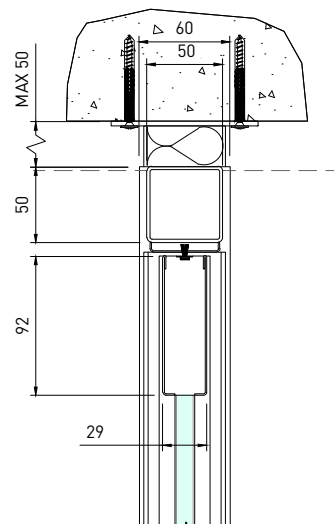
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RADII PLANET HOUSE
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BURGESS HILL
WEST SUSSEX
RH15 9TZ
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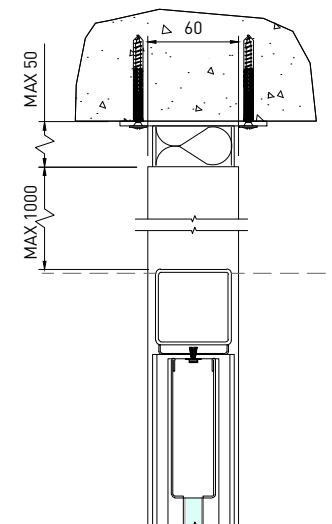
01 FULL HEIGHT
SCALE 1:5



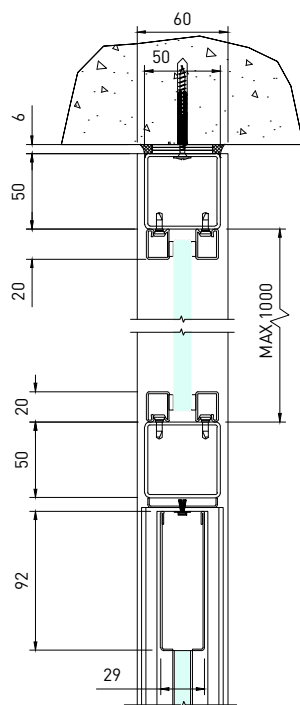
02 DEFLECTION HEAD
SCALE 1:5



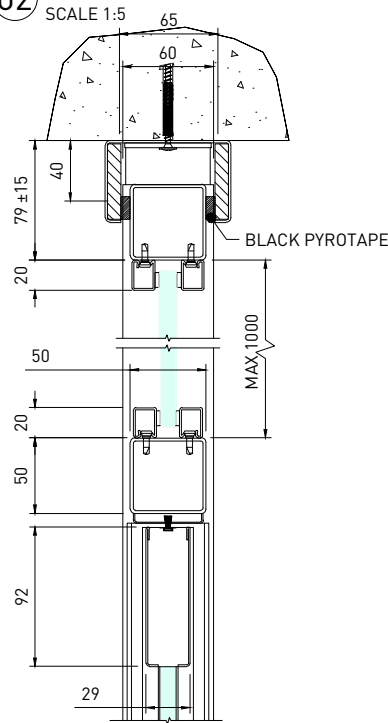
03 SPIGOTS ABOVE CEILING
SCALE 1:5



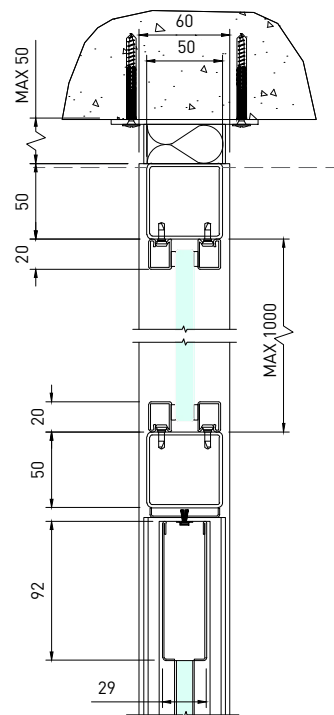
04 DOORFRAME WITH EXTENDED LEGS ABOVE CEILING
SCALE 1:5



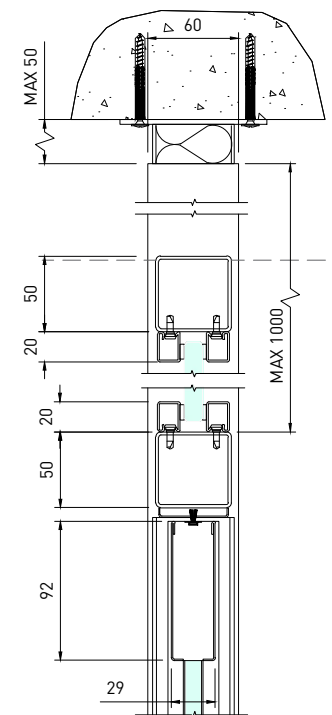
05 OVERPANEL
SCALE 1:5



06 OVERPANEL WITH DEFLECTION HEAD
SCALE 1:5



07 OVERPANEL WITH SPIGOTS ABOVE CEILING
SCALE 1:5

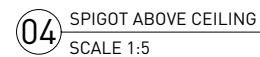
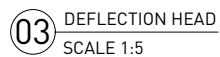
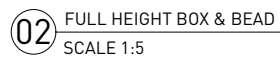
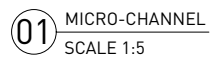


08 OVERPANEL WITH EXTENDED LEGS ABOVE CEILING
SCALE 1:5

FIRE RATING

E30 (30/0)

NOTES



TITLE

FIRETEC - E30
GLAZING HEAD OPTIONS

DRAWING NUMBER

SYSTEM TYPE	FIRE RATING	DETAIL TYPE	DETAIL No
FRTC	E30	HD	02

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SYSTEM NAME

FIRE/TEC

FIRE RATING

E30 (30/0)

NOTES

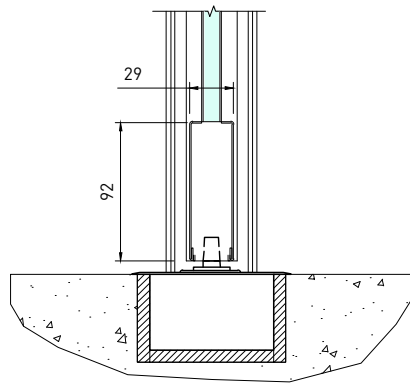
IMPORTANT NOTE
REQUIRES A FLOORSRING POWER OF EN3 AS A MINIMUM, PLEASE BE AWARE THAT THIS MAY MEAN THAT THE DOOR WILL NOT COMPLY WITH AD PART M

ENSURE THE RAISED FLOOR HAS BEEN TESTED WITH A FLOORSRING CUT-OUT

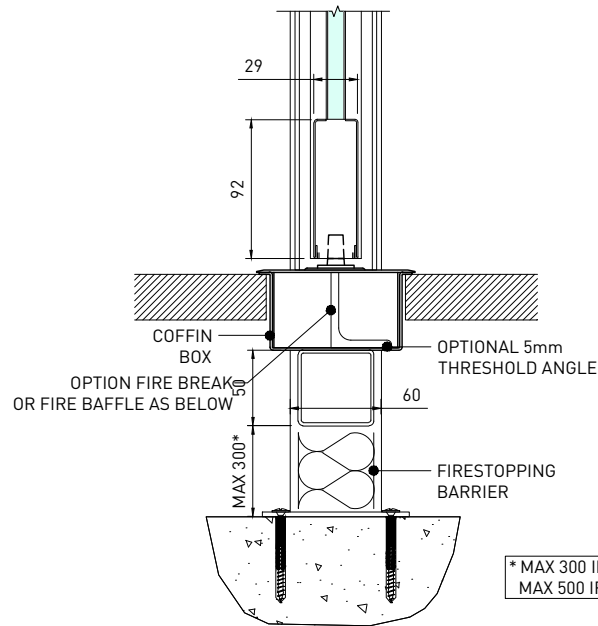
IMPORTANT NOTE
ALL PACKING MUST BE WITH STEEL SHIMS OR PROMATEC BOARD OR A COMBINATION OF BOTH.

PLASTIC AND TIMBER SHIMS ARE NOT ACCEPTABLE!

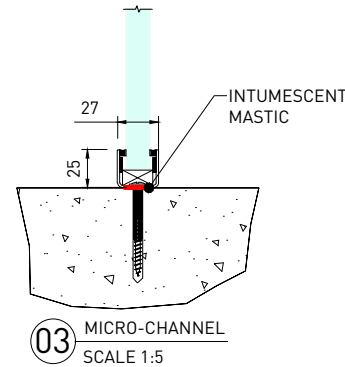
PACKING <6mm INTUMESCENT MASTIC ONLY
PACKING >6mm WADDING AND INTUMESCENT MASTIC



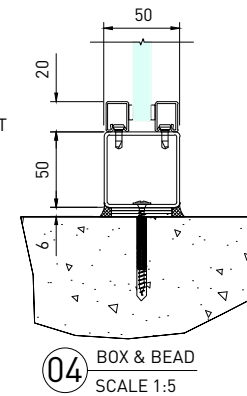
01 FLOORSRING INTO CONCRETE
SCALE 1:5



02 FRAMEWORK TO SLAB
SCALE 1:5



03 MICRO-CHANNEL
SCALE 1:5



04 BOX & BEAD
SCALE 1:5

TITLE

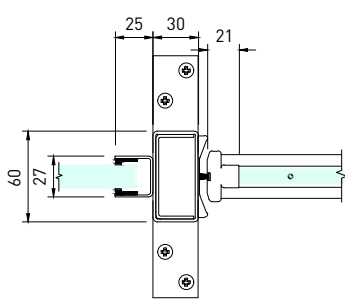
FIRETEC - E30
DOOR/GLAZING BASE
OPTIONS

DRAWING NUMBER

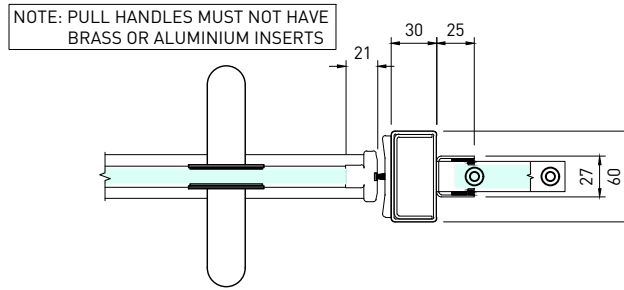
SYSTEM TYPE	FIRE RATING	DETAIL TYPE	DETAIL No
FRTC	E30	BD	01

REVISION D

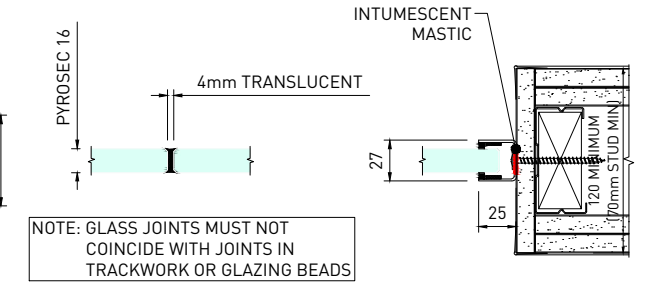
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01 PIVOT SIDE MICRO-CHANNEL
SCALE 1:5

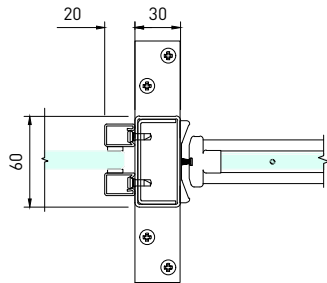


02 LEADING EDGE MICRO-CHANNEL
SCALE 1:5

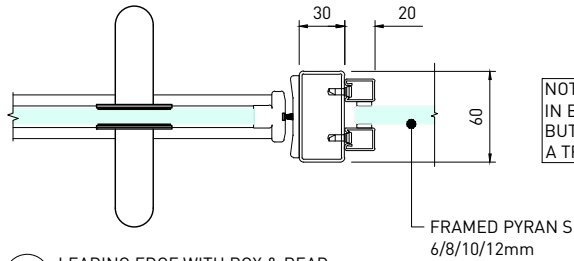


03 PYROSEC GLAZING BUTT-JOINT
SCALE 1:5

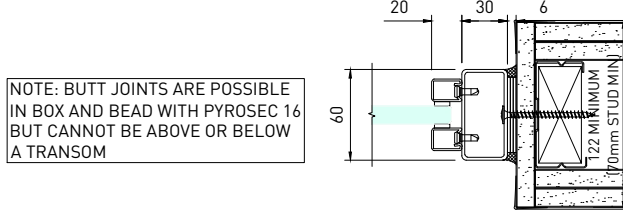
04 MICRO-CHANNEL ABUTMENT
SCALE 1:5



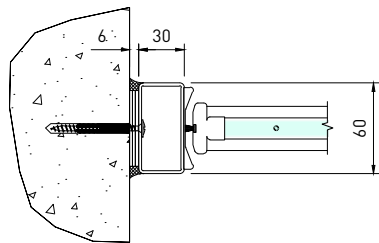
05 PIVOT SIDE WITH BOX & BEAD
SCALE 1:5



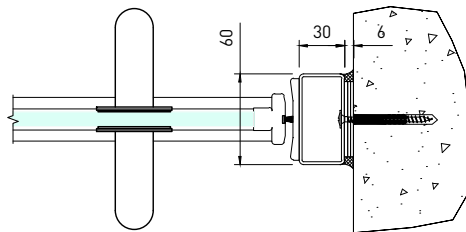
06 LEADING EDGE WITH BOX & BEAD
SCALE 1:5



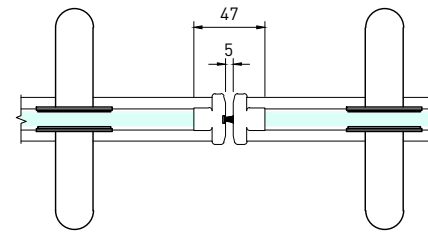
07 BOX & BEAD ABUTMENT
SCALE 1:5



08 PIVOT SIDE ABUTMENT
SCALE 1:5



09 LEADING EDGE ABUTMENT
SCALE 1:5



10 DOUBLE DOOR MEETING STILES
SCALE 1:5

SYSTEM NAME

FIRETEC

FIRE RATING

E30 (30/0)

NOTES

TITLE

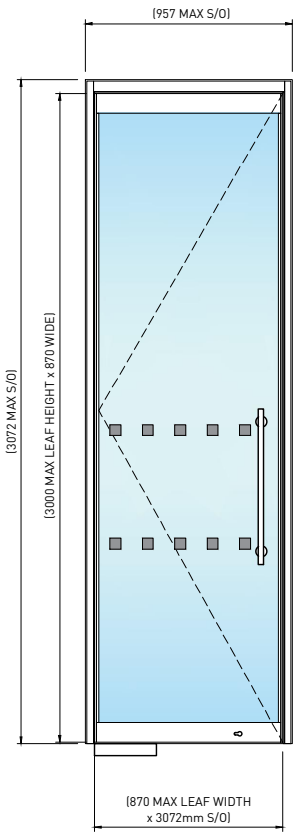
FIRETEC - E30
DOOR/GLAZING
ABUTMENT OPTIONS

DRAWING NUMBER

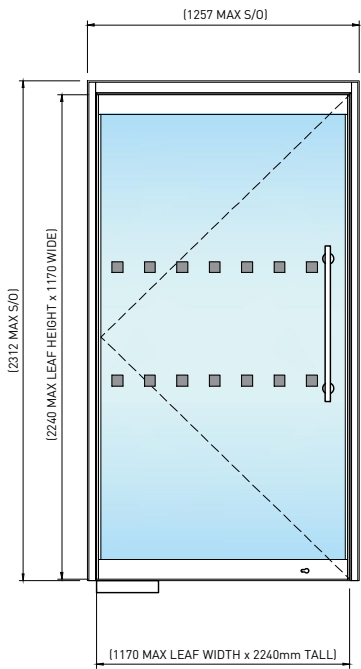
SYSTEM TYPE	FIRE RATING	DETAIL TYPE	DETAIL No
FRTC	E30	AD	01

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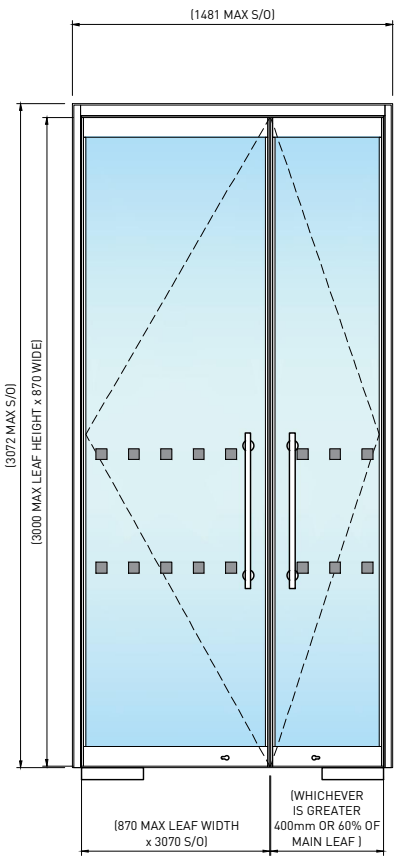


01 SINGLE DOOR MAX HEIGHT
SCALE 1:35



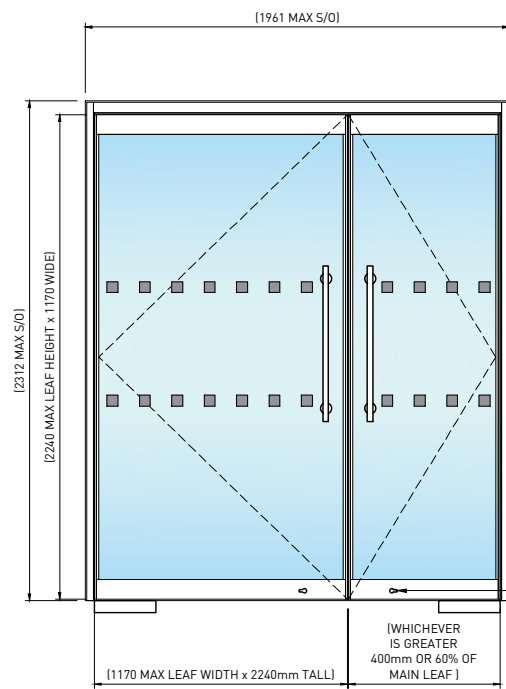
02 SINGLE DOOR MAX WIDTH
SCALE 1:35

EFFECTIVE CLEAR OPENING
870 PRIMARY LEAF = 747mm USING Ø25 GUARDSMAN HANDLE
BOTH LEAVES OPEN = 1141mm USING Ø25 GUARDSMAN HANDLE



03 HOSPITAL DOORSET - MAX HEIGHT
SCALE 1:35

EFFECTIVE CLEAR OPENING
1170 PRIMARY LEAF = 1047mm USING Ø25 GUARDSMAN HANDLE
BOTH LEAVES OPEN = 1621mm USING Ø25 GUARDSMAN HANDLE



04 HOSPITAL DOORSET - MAX WIDTH
SCALE 1:35

SEE NOTES

SINGLE LEAF EFFECTIVE CLEAR OPENING GUIDE		
Ø19 'D' HANDLE	EFFECTIVE CLEAR OPENING	+125 =LEAF WIDTH
Ø25 'D' HANDLE	EFFECTIVE CLEAR OPENING	+125 =LEAF WIDTH
Ø38 'D' HANDLE	EFFECTIVE CLEAR OPENING	+148 =LEAF WIDTH
Ø45 'D' HANDLE	EFFECTIVE CLEAR OPENING	+156 =LEAF WIDTH
Ø50 'D' HANDLE	EFFECTIVE CLEAR OPENING	+165 =LEAF WIDTH
Ø19 MITRED HANDLE	EFFECTIVE CLEAR OPENING	+125 =LEAF WIDTH
Ø25 MITRED HANDLE	EFFECTIVE CLEAR OPENING	+125 =LEAF WIDTH
Ø38 MITRED HANDLE	EFFECTIVE CLEAR OPENING	+148 =LEAF WIDTH
Ø45 MITRED HANDLE	EFFECTIVE CLEAR OPENING	+156 =LEAF WIDTH
Ø50 MITRED HANDLE	EFFECTIVE CLEAR OPENING	+165 =LEAF WIDTH
Ø19 GUARDSMAN HANDLE	EFFECTIVE CLEAR OPENING	+125 =LEAF WIDTH
Ø25 GUARDSMAN HANDLE	EFFECTIVE CLEAR OPENING	+125 =LEAF WIDTH
Ø38 GUARDSMAN HANDLE	EFFECTIVE CLEAR OPENING	+144 =LEAF WIDTH
Ø45 GUARDSMAN HANDLE	EFFECTIVE CLEAR OPENING	+147 =LEAF WIDTH
Ø50 GUARDSMAN HANDLE	EFFECTIVE CLEAR OPENING	+152 =LEAF WIDTH
NOTE: ACTUAL EFFECTIVE CLEAR OPENING SIZES WILL DEPEND ON IRONMONGERY USED AND MANUFACTURING/INSTALLATION TOLERANCES		

SYSTEM NAME

FIRETEC

FIRE RATING

E30 (30/0)

NOTES

HOSPITAL DOORSET:
BOTTOM LOCK REQUIRES
THE SECONDARY LEAF
TO BE A MINIMUM
WIDTH OF 535mm WHEN
USING A FLOORSPRING

TITLE

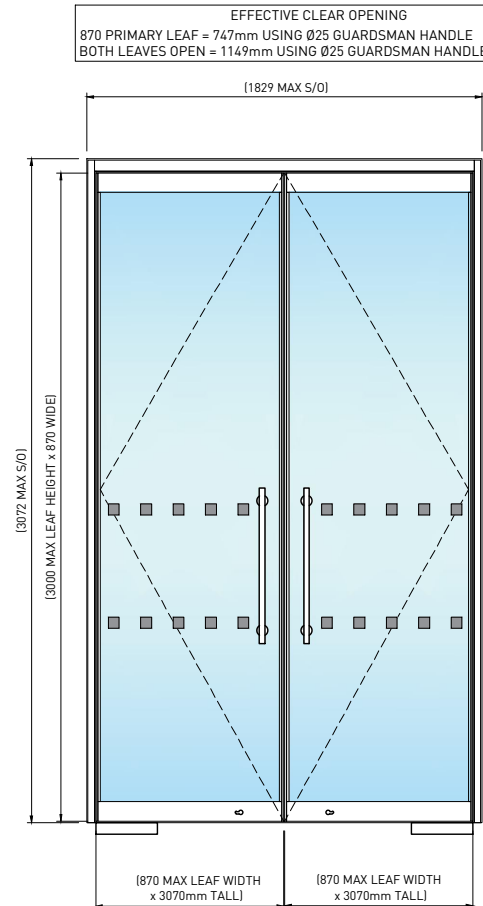
FIRETEC - E30
SINGLE DOOR &
HOSPITAL DOORSET
SIZES

DRAWING NUMBER

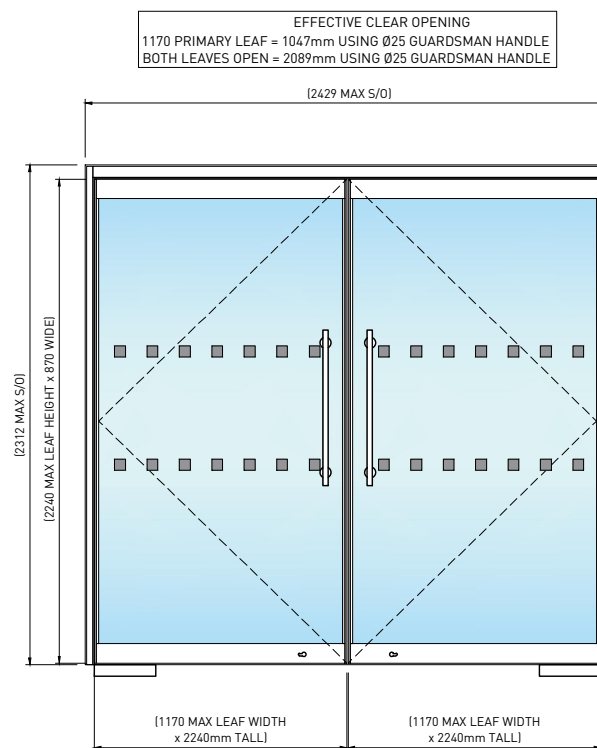
SYSTEM TYPE	FIRE RATING	DETAIL TYPE	DETAIL No
FRTC	E30	DR	01

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01 DOUBLE DOORSET - MAX HEIGHT
SCALE 1:35



02 DOUBLE DOORSET - MAX WIDTH
SCALE 1:35

SYSTEM NAME

FIRETEC

FIRE RATING

E30 (30/0)

NOTES

TITLE

FIRETEC - E30
DOUBLE DOORSET
SIZES

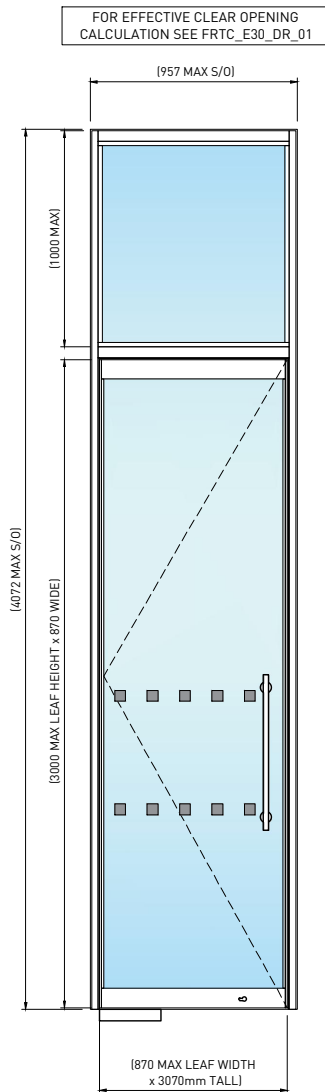
DRAWING NUMBER

SYSTEM TYPE	FIRE RATING	DETAIL TYPE	DETAIL No
FRTC	E30	DR	02

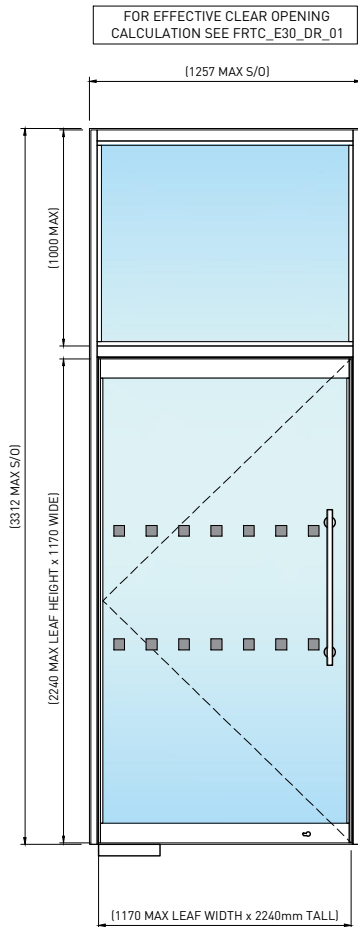
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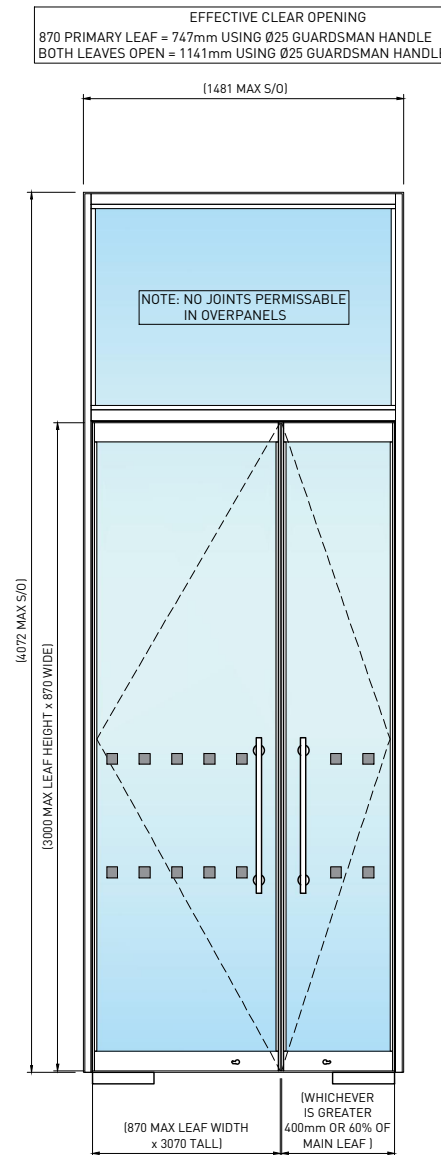
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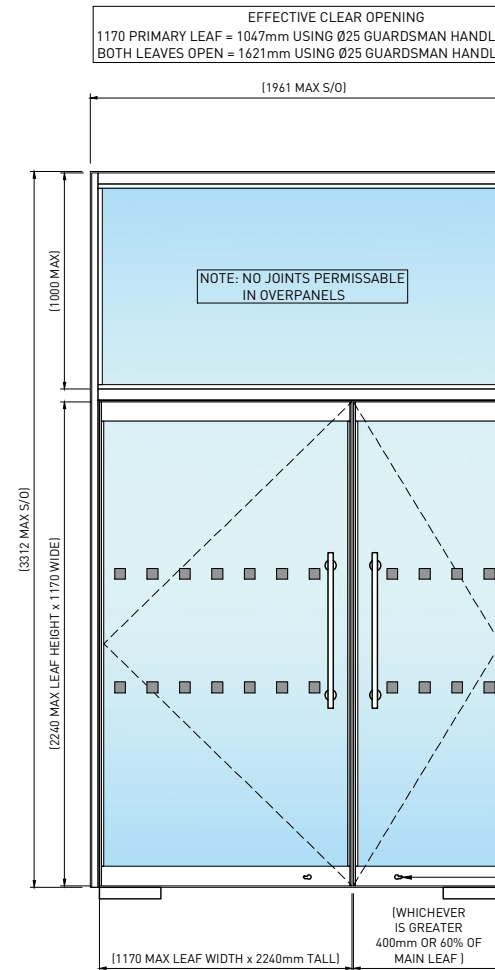
01 SINGLE DOOR MAX HEIGHT
SCALE 1:35



02 SINGLE DOOR MAX WIDTH
SCALE 1:35



03 HOSPITAL DOORSET - MAX HEIGHT
SCALE 1:35



04 HOSPITAL DOORSET - MAX WIDTH
SCALE 1:35

SEE NOTES

SYSTEM NAME

FIRETEC

FIRE RATING

E30 (30/0)

NOTES

HOSPITAL DOORSET:
BOTTOM LOCK REQUIRES
THE SECONDARY LEAF
TO BE A MINIMUM
WIDTH OF 535mm WHEN
USING A FLOORSPRING

TITLE

FIRETEC - E30
SINGLE DOOR &
HOSPITAL DOORSET

SIZES WITH OVERPANEL

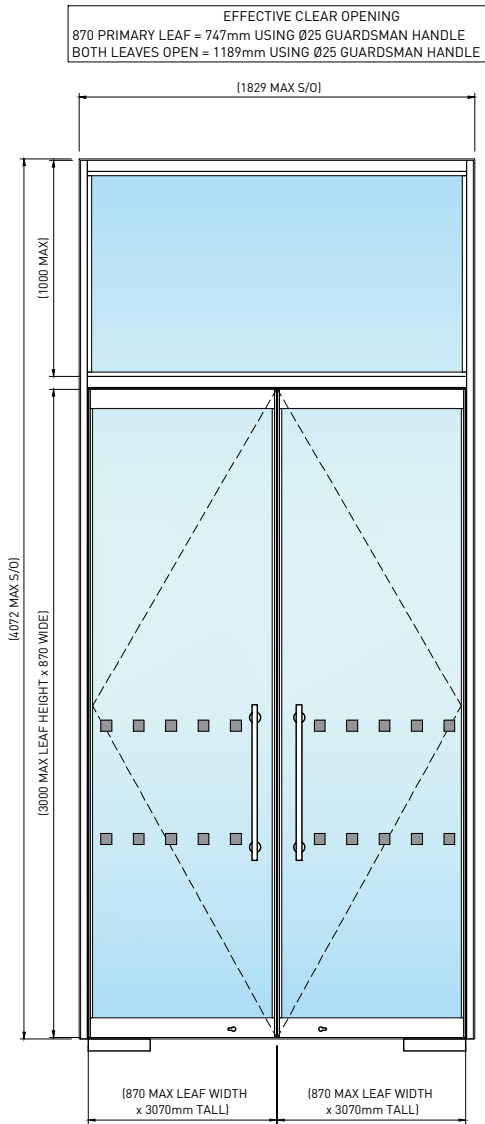
DRAWING NUMBER

SYSTEM TYPE	FIRE RATING	DETAIL TYPE	DETAIL No
FRTC	E30	DR	03

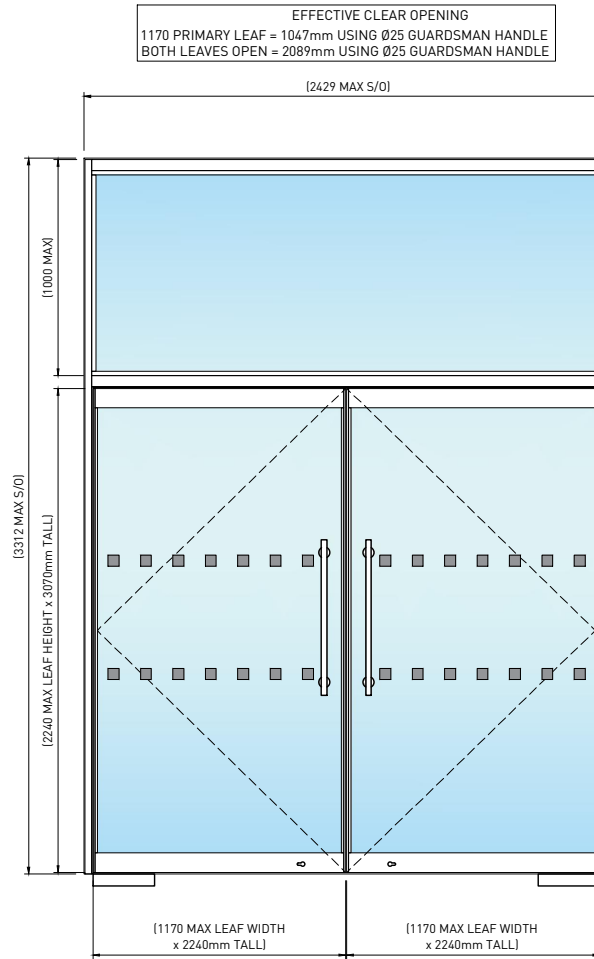
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01 DOUBLE DOORSET - MAX HEIGHT
SCALE 1:35



02 DOUBLE DOORSET - MAX WIDTH
SCALE 1:35

SYSTEM NAME

FIRETEC

FIRE RATING

E30 (30/0)

NOTES

TITLE

FIRETEC - E30
DOUBLE DOORSET
WITH OVERPANEL SIZES

DRAWING NUMBER

SYSTEM TYPE	FIRE RATING	DETAIL TYPE	DETAIL No
FRTC	E30	DR	04

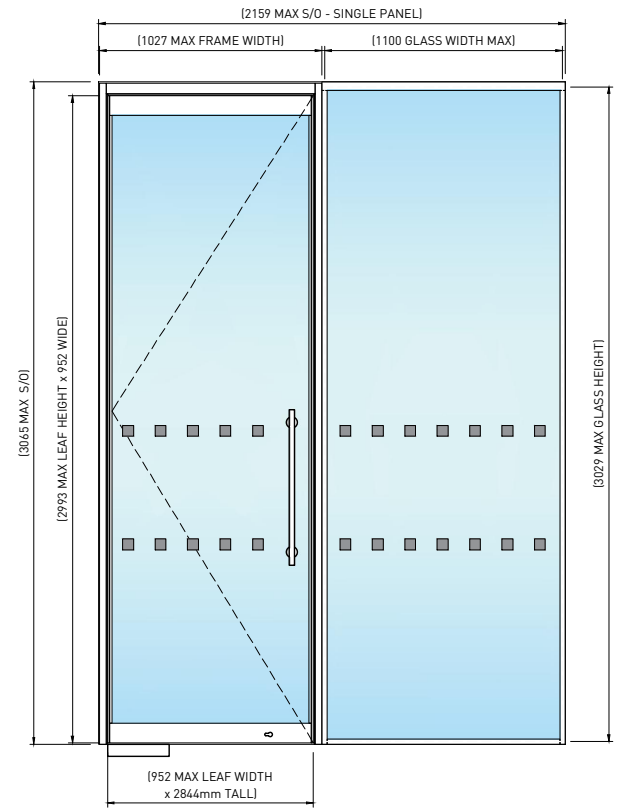
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SINGLE DOORSET CAN BE SUBSTITUTED WITH HOSPITAL OR DOUBLE DOORSETS

FOR EFFECTIVE CLEAR OPENING
CALCULATION SEE FRTC_E30_DR_01



01 MICRO CHANNEL SIDELIGHT - MAX HEIGHT
SCALE 1:35

SYSTEM NAME

FIRE/TEC

FIRE RATING

E30 (30/0)

NOTES

TITLE

FIRETEC - E30
MICRO CHANNEL
FIXED SIDELIGHT SIZES

DRAWING NUMBER

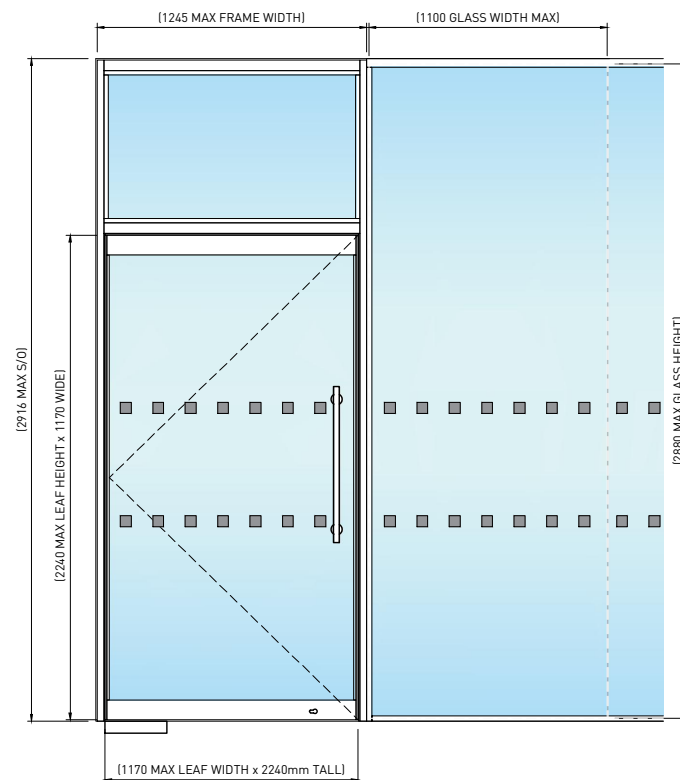
SYSTEM TYPE	FIRE RATING	DETAIL TYPE	DETAIL No
FRTC	E30	DR	05

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SINGLE DOORSET CAN BE SUBSTITUTED WITH HOSPITAL OR DOUBLE DOORSETS

FOR EFFECTIVE CLEAR OPENING
CALCULATION SEE FRTC_E30_DR_01



01 MICRO CHANNEL SIDELIGHT - MAX WIDTH
SCALE 1:35

SCALE 1:35 @ A4

SYSTEM NAME



FIRE RATING

E30 (30/0)

NOTES

TITLE

FIRETEC - E30
MICRO CHANNEL
JOINT SIDELIGHT SIZES

DRAWING NUMBER

SYSTEM TYPE	FIRE RATING	DETAIL TYPE	DETAIL No
FRTC	E30	DR	06

REVISION C

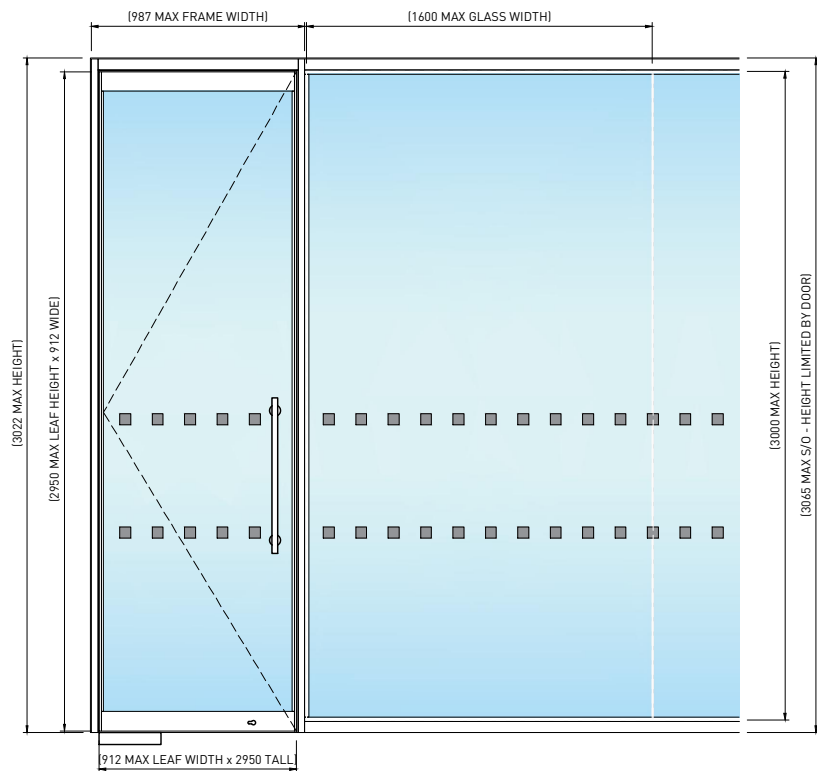
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THIS IS PYRAN S

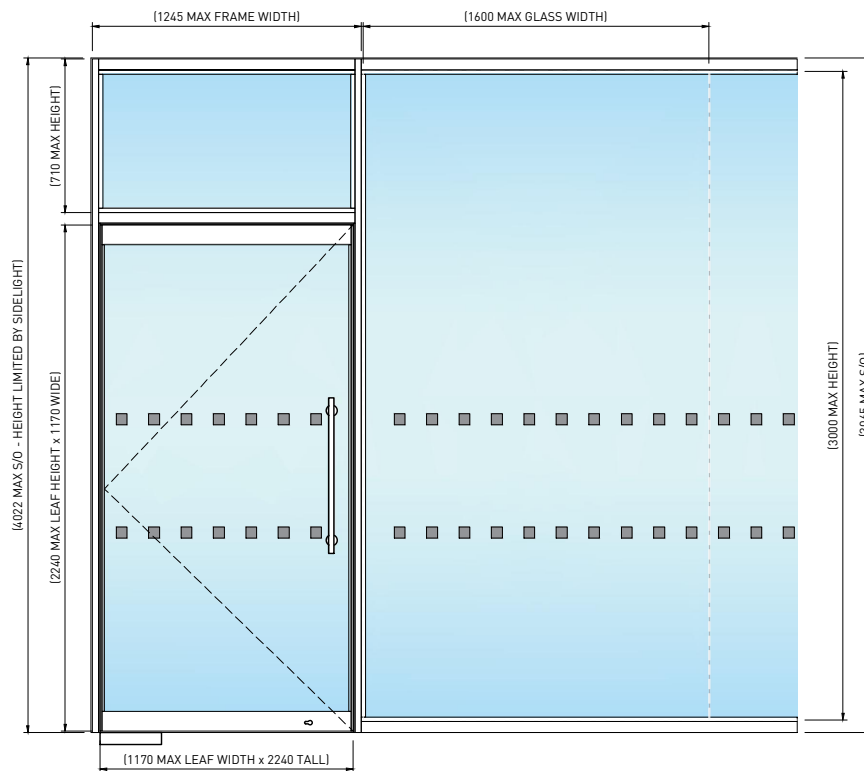
SINGLE DOORSET CAN BE SUBSTITUTED WITH HOSPITAL OR DOUBLE DOORSETS

FOR EFFECTIVE CLEAR OPENING
CALCULATION SEE FRTC_E30_DR_01

FOR EFFECTIVE CLEAR OPENING
CALCULATION SEE FRTC_E30_DR_01



01 BOX & BEAD BUTT JOINTED GLAZING - DOOR MAX HEIGHT
SCALE 1:35



02 BOX & BEAD BUTT JOINTED GLAZING - DOOR MAX WIDTH
SCALE 1:35

SYSTEM NAME

FIRETEC

FIRE RATING

E30 (30/0)

NOTES

TITLE

FIRETEC - E30
- BOX & BEAD BUTT
JOINTED GLAZING
SIDELIGHT SIZES

DRAWING NUMBER

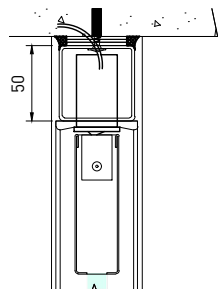
SYSTEM TYPE	FIRE RATING	DETAIL TYPE	DETAIL No
FRTC	E30	DR	07

REVISION B

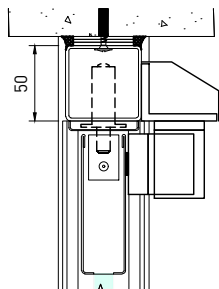
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IMPORTANT NOTE
RETRO FITTING OF ANY MAG-LOCK OR DOOR CLOSER
MUST BE UNDERTAKEN BY PLANET PARTITIONING
TO ENSURE THE ADDITIONS COMPLY WITH CERTIFICATION

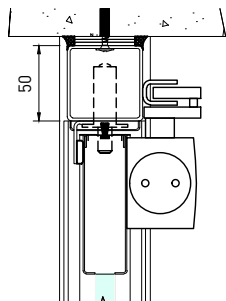
AUTO OPERATOR EMDF IMPORTANT NOTES:
MINIMUM LEAF WIDTH (PULL) 870 WITH GLASS MOUNTED
PULL HANDLES
MINIMUM LEAF WIDTH (PUSH) 700mm
!!!FLATSCAN SENSORS ONLY!!!



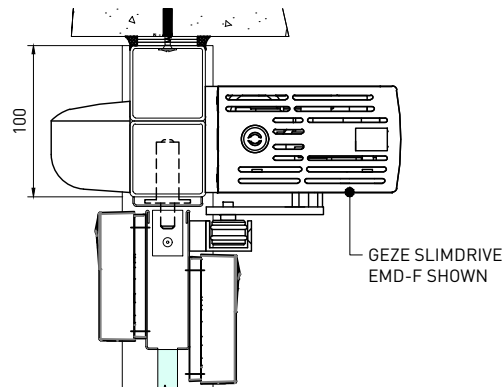
01 CONCEALED SHEARLOCK
SCALE 1:5



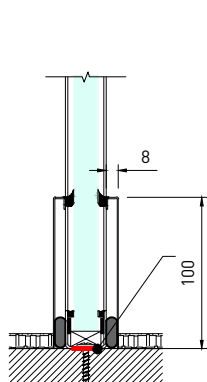
02 MAG-LOCK
SCALE 1:5



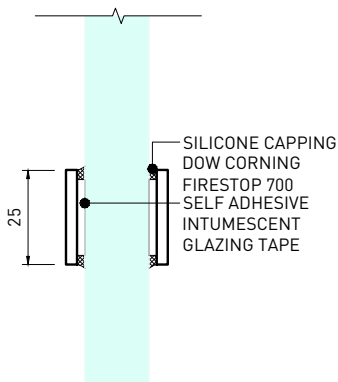
03 OVERHEAD CLOSER
SCALE 1:5



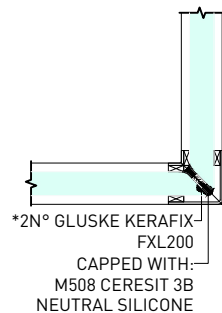
04 AUTOMATIC OVERHEAD OPENER
SCALE 1:5



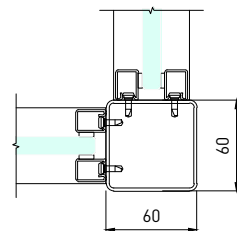
05 GLAZING SKIRTING
SCALE 1:5



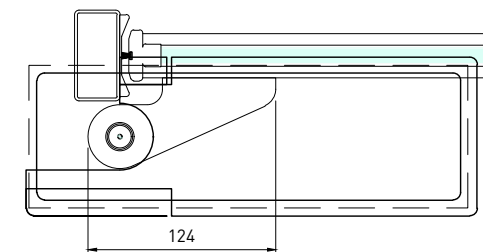
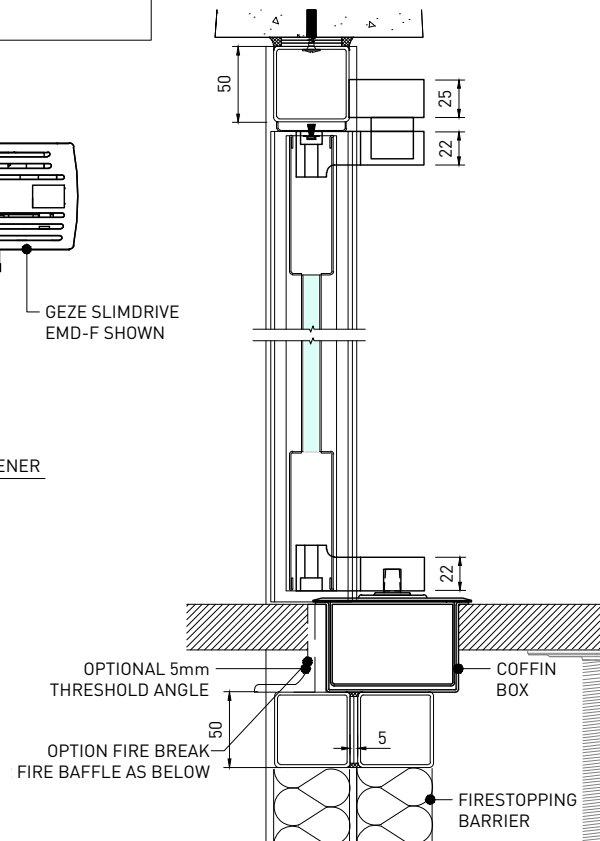
06 LOFT BARS
SCALE 1:2



07 MICRO CHANNEL 90° CORNER
SCALE 1:5



08 BOX & BEAD 90° CORNER
SCALE 1:2



09 OFFSET PIVOT OPTION
SCALE 1:5

SYSTEM NAME

FIRETEC

FIRE RATING

E30 (30/0)

NOTES

TITLE

FIRETEC - E30
ANCILLIARY OPTIONS

DRAWING NUMBER

SYSTEM TYPE	FIRE RATING	DETAIL TYPE	DETAIL No
FRTC	E30	OP	01

REVISION D

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