



ECO-GARD Security Screens

Technical Manual
February 2025 | ISSUE B

alspec[®]
EVERYTHING ALUMINIUM
& HARDWARE

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ALUMINIUM

Aluminium frames should be manufactured using Alspec's ECO-GARD SECURITY SCREENS framing system.

HARDWARE

All hardware as per ALSPEC Technical Manual

FINISHES

- All powder coated material shall be produced to AS3715.
- All anodised material shall be produced to AS1231

TESTING

- Product shall have a test report to show compliance to AS5039.
- Eco-Gard with 0.8mm infill achieved a pass for Security Testing.

All products are available from Alspec (A.B.N. 63 001 252 259) as detailed in the "Alspec" catalogue or on the Internet at www.alspec.com.au.

4. Test Summary

Security - AS5039

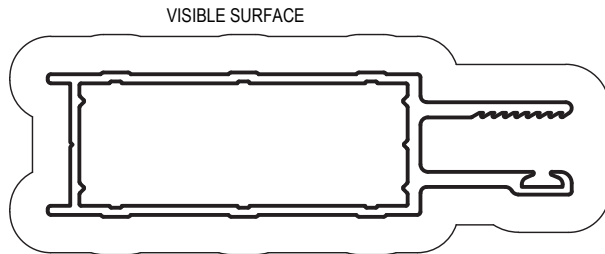
TEST REPORT	PRODUCT	PRODUCT DESCRIPTION	MESH THICKNESS	RESULT
AZT0340.23	Eco-Gard	Fixed Screen	0.8mm	Pass
AZT0341.23	Eco-Gard	Sliding Door with Heta Sliding Door Lock and 3 Pt Rod Kit	0.8mm	Pass
AZT0350.23	Eco-Gard	Hinge Door with Heta Hinge Door Lock and 3 Pt Rod Kit	0.8mm	Pass
OT.23SS-39	Eco-Gard	Fixed Screen	0.8mm	Pass
OT.23SS-40	Eco-Gard	Sliding Door with Heta Sliding Door Security Lock and Alspec 3 Pt Rod Kit	0.8mm	Pass

Knife Shear - AS5039

TEST REPORT	PRODUCT DESCRIPTION	RESULT
AZT0371.23	Optimised Security Mesh	Pass

Neutral Salt Spray - AS2331.3.1

TEST REPORT	PRODUCT DESCRIPTION	RESULT
CER-SS22-001-SM	Stainless Steel Coated Mesh 0.8mm-SM, Stainless Steel Coated Panel	Pass

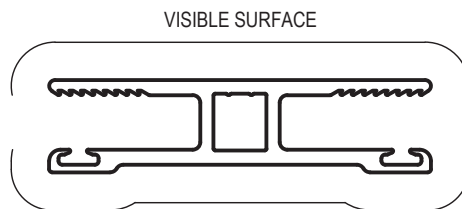


ADF5

ECO-GARD DOOR FRAME

Anod. Per. 238

Paint Per. 177

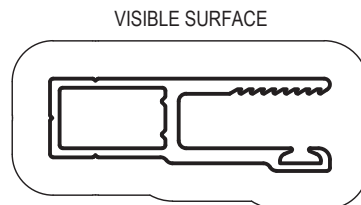


ADF8

ECO-GARD MID-RAIL

Anod. Per. 235

Paint Per. 114

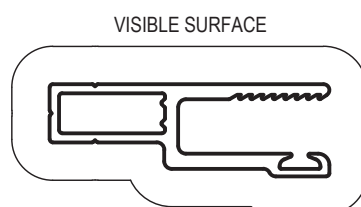


AWF5

ECO-GARD WINDOW FRAME

Anod. Per. 153

Paint Per. 100



AWF5RB

ECO-GARD 9mm FRAME

Anod. Per. 152

Paint Per. 100

Note: AWF5RB will be available in first quarter 2024

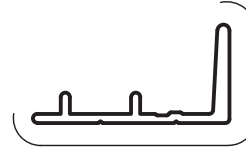
5. Extrusions

VISIBLE SURFACE



HD3 OFFSET INTERLOCK

Anod. Per. 100
Paint Per. 100



VISIBLE SURFACE

HD9 FRAME INTERLOCK

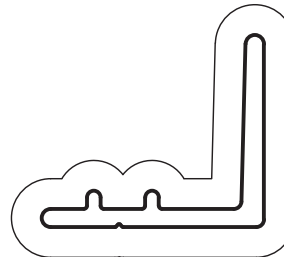
Anod. Per. 100
Paint Per. 100



VISIBLE SURFACE

HD10 EXTENDED 7mm OFFSET INTERLOCK

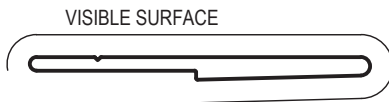
Anod. Per. 100
Paint Per. 100



VISIBLE SURFACE

HD23 HEAVY DUTY FRAME INTERLOCK

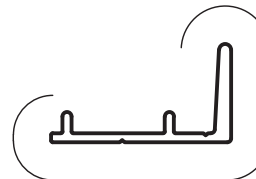
Anod. Per. 114
Paint Per. 114



VISIBLE SURFACE

HD21 HEAVY DUTY FLAT INTERLOCK

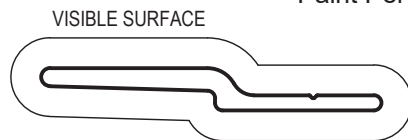
Anod. Per. 100
Paint Per. 100



VISIBLE SURFACE

HD29 HEAVY DUTY INTERLOCK

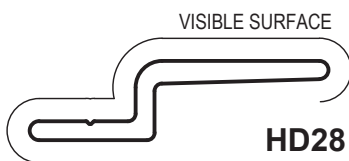
Anod. Per. 100
Paint Per. 100



VISIBLE SURFACE

HD22 HEAVY DUTY STEPPED INTERLOCK

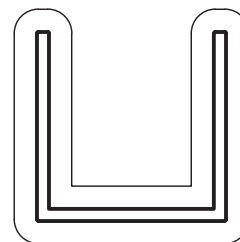
Anod. Per. 100
Paint Per. 100



VISIBLE SURFACE

HD28 HEAVY DUTY DEEP INTERLOCK

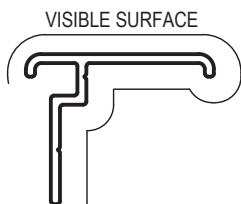
Anod. Per. 100
Paint Per. 100



VISIBLE SURFACE

HD6 CHANNEL 25 x 25 x 1.6mm

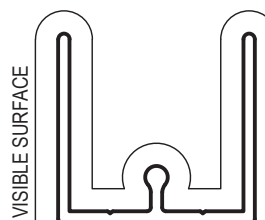
Anod. Per. 146
Paint Per. 146



VISIBLE SURFACE

TM18 OFFSET T MULLION

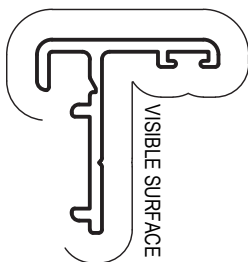
Anod. Per. 100
Paint Per. 100



VISIBLE SURFACE

ST8 BOTTOM SLIDING TRACK

Anod. Per. 160
Paint Per. 138



TM5
SECURITY
MULLION

Anod. Per. 126
Paint Per. 100



MF75
WEATHERSEAL
SNAP ON COVER

Anod. Per. 100
Paint Per. 100



BS1
BUGSTRIP
SHORT LEG

Anod. Per. 100
Paint Per. 100

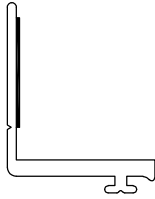


BS2
BUGSTRIP
LONG LEG

Anod. Per. 100
Paint Per. 100

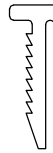
6. Hardware & Components

Accessories



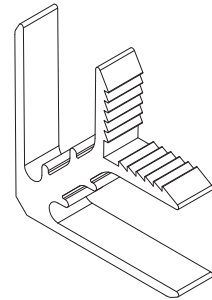
ECO-GARD INSULATOR/KEEPER x 4m - PACK OF 25

PART	1409108
FINISH	BLACK (034)
QTY	PACK (25 L/PACK)



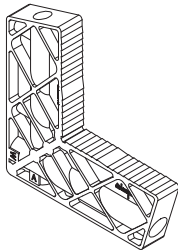
ECO-GARD WEDGE x 4m - PACK OF 25

PART	1409107
FINISH	BLACK (034)
QTY	PACK (25 L/PACK)



P2 HEAVY DUTY SEC DOOR CORNER

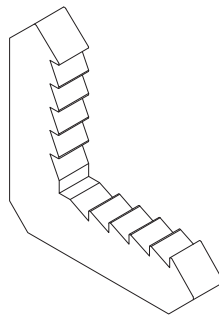
PART	1311211
FINISH	MILL (001)
QTY	EACH



USE 1383206 10G x 16mm WAFER
HEAD SCREW
IF USING TWIN BOLTS USE 1382017
8G x 9mm PAN HEAD SCREW

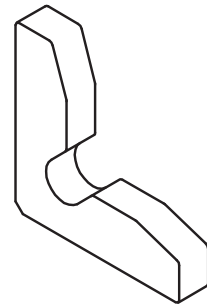
P3A NYLON CORNER STAKE WITH FLUSH BOLT HOLE x 1

PART	1311243
FINISH	BLACK (034)
QTY	EACH



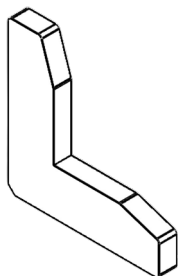
P5 SEC WINDOW CORNER

PART	1311226
FINISH	NOT SPECIFIED (099)
QTY	EACH



P5B STRAIGHT EDGE SEC WINDOW CORNER

PART	1311229
FINISH	NOT SPECIFIED (099)
QTY	EACH

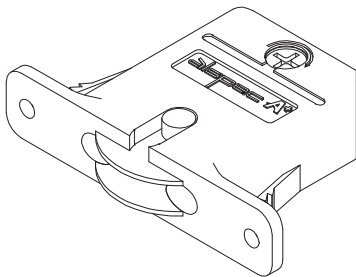


P13 CORNERS (SUITS SW3)

PART	1311237
FINISH	NOT SPECIFIED (099)
QTY	EACH

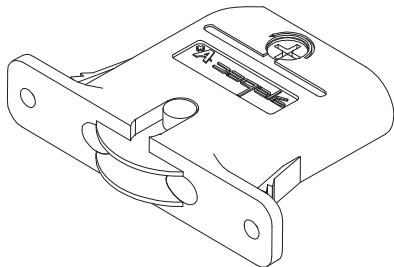
6. Hardware & Components

Accessories



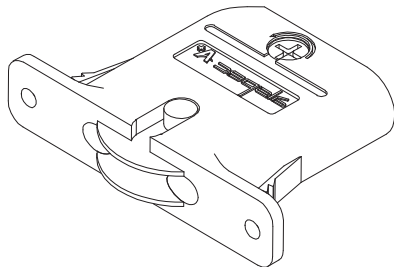
ALSPEC DUO-FIT SEC DOOR ROLLER SS BEARING 20kg

PART	1311900
FINISH	BLACK (034)
QTY	EACH



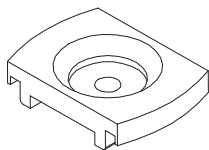
ALSPEC OFFSET SECURITY DOOR ROLLER 25kg

PART	1311904
FINISH	BLACK (034)
QTY	EACH



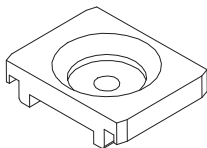
ALSPEC OFFSET SECURITY DOOR ROLLER SS 40kg

PART	1311905
FINISH	BLACK (034)
QTY	EACH



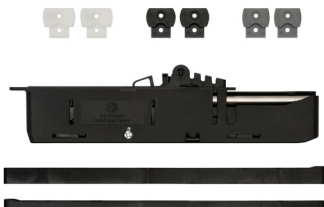
23.5mm ALSPEC SCREEN DOOR TOP GUIDE

PART	1309906
FINISH	BLACK (034)
QTY	EACH



21.5mm ALSPEC SCREEN DOOR TOP GUIDE

PART	1309905
FINISH	GREY (036)
QTY	EACH



ALSPEC SECURITY DOOR SOFT CLOSER SC3250PK

PART	1311906
FINISH	BLACK (034)
QTY	EACH



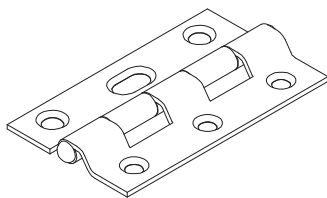
Note: Other colours available on request

INVENTCO 3S WATER DOOR CLOSER

PART	1311002
FINISH	BLACK (034)
QTY	EACH

6. Hardware & Components

Accessories



ALSPEC STEPPED SECURITY DOOR HINGE

PART	1311051
FINISH	BLACK (034)
QTY	PAIR



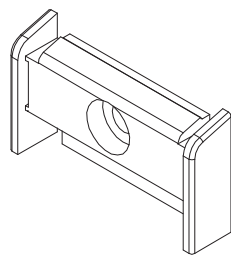
W203817 SECURITY DOOR FLUSH BOLT 20mm

PART	1301250
FINISH	BLACK (034)
QTY	EACH



ALSPEC SECURITY DOOR CLOSER HD (25kg)

PART	1311907
FINISH	BLACK (034)
QTY	EACH



MFA75 END CAP COMPONENT

PART	1378995
FINISH	BLACK (034)
QTY	EACH

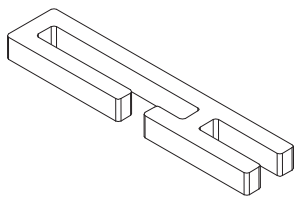


AUSTRAL DOUBLE FLUSH BOLT FOR SECURITY DOORS

PART	1308004
FINISH	BLACK (034)
QTY	EACH

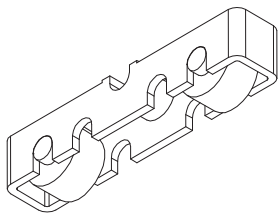
AUSTRAL STD SCREEN DOOR CLOSER

PART	1308001
FINISH	BLACK (034)
QTY	EACH



IDSTG D/SLID TOP GUIDE x BAG 50

PART	1409125
FINISH	NOT SPECIFIED (099)
QTY	BAG (50/BAG)



IDSWR D/S ROLLER x 20

PART	1409130
FINISH	BLACK (034)
QTY	BAG (20/BAG)



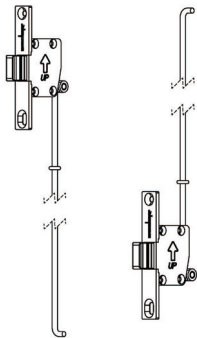
IMS MIDRAIL STAKE - BAG OF 50

PART	1409100
FINISH	MILL (001)
QTY	BAG

6. Hardware & Components

SL200 Compliant Lock Hardware - Hinged Door

	PART	DESCRIPTION	FINISH	QTY
	1308142	HETA HINGED PROJECTION BOLT SEC LOCK	BLACK	EACH
	1308143	HETA HINGED PROJECTION BOLT SEC LOCK	WHITE	EACH
	1308144	HETA HINGED PROJECTION BOLT SEC LOCK	PRIMROSE	EACH
	1308187	HETA HINGED PROJECTION BOLT SEC LOCK	MONUMENT	EACH

						
PART	DESCRIPTION	SETTING	A	B	FINISH	QTY
1395004	HETA HINGED DOOR MULTI POINT KIT (ROD OPERATED)	HIGH	682mm	826mm	BLACK	EACH
		LOW	826mm	682mm		

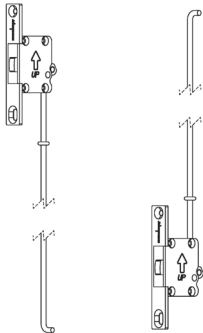
Refer to page 6.6 for cylinders

6. Hardware & Components

SL200 Compliant Lock Hardware - Sliding Door



	PART	DESCRIPTION	FINISH	QTY
	1308157	HETA SLIDING SEC LOCK	BLACK	EACH
	1308158	HETA SLIDING SEC LOCK	WHITE	EACH
	1308159	HETA SLIDING SEC LOCK	PRIMROSE	EACH
	1308187	HETA SLIDING SEC LOCK	MONUMENT	EACH

						
PART	DESCRIPTION	SETTING	A	B	FINISH	QTY
1395005	HETA SLIDING DOOR MULTI POINT KIT (ROD OPERATED)	HIGH	546mm	961mm	BLACK	EACH
		LOW	961mm	546mm		

Refer to page 6.6 for cylinders

6. Hardware & Components

Lock Hardware - Cylinders

62mm EURO CYLINDER	PART	ITEM DESCRIPTION
	1360240	ALSPEC 62MM LAZY CAM CYLINDER 2 x 5 PIN EURO BC KA PACK x10
	1360241	ALSPEC 62MM LAZY CAM CYLINDER 2 x 5 PIN EURO BC KEY A01
	1360242	ALSPEC 62MM LAZY CAM CYLINDER 2 x 5 PIN EURO BC KEY A02
	1360243	ALSPEC 62MM LAZY CAM CYLINDER 2 x 5 PIN EURO BC KEY A03
	1360244	ALSPEC 62MM LAZY CAM CYLINDER 2 x 5 PIN EURO BC KEY A04
	1360245	ALSPEC 62MM LAZY CAM CYLINDER 2 x 5 PIN EURO BC KEY A05
	1360246	ALSPEC 62MM LAZY CAM CYLINDER 2 x 5 PIN EURO BC KEY A06
	1360247	ALSPEC 62MM LAZY CAM CYLINDER 2 x 5 PIN EURO BC KEY A07
	1360248	ALSPEC 62MM LAZY CAM CYLINDER 2 x 5 PIN EURO BC KEY A08
	1360249	ALSPEC 62MM LAZY CAM CYLINDER 2 x 5 PIN EURO BC KEY A09
	1360250	ALSPEC 62MM LAZY CAM CYLINDER 2 x 5 PIN EURO BC KEY A10

62mm EURO CYLINDER BLACK	PART	ITEM DESCRIPTION
	1360329	ALSPEC 62MM LAZY CAM CYLINDER 2 x 5 PIN EURO BLK KA PACK x10
	1360330	ALSPEC 62MM LAZY CAM CYLINDER 2 x 5 PIN EURO BLK KEY A01
	1360331	ALSPEC 62MM LAZY CAM CYLINDER 2 x 5 PIN EURO BLK KEY A02
	1360332	ALSPEC 62MM LAZY CAM CYLINDER 2 x 5 PIN EURO BLK KEY A03
	1360333	ALSPEC 62MM LAZY CAM CYLINDER 2 x 5 PIN EURO BLK KEY A04
	1360334	ALSPEC 62MM LAZY CAM CYLINDER 2 x 5 PIN EURO BLK KEY A05
	1360335	ALSPEC 62MM LAZY CAM CYLINDER 2 x 5 PIN EURO BLK KEY A06
	1360336	ALSPEC 62MM LAZY CAM CYLINDER 2 x 5 PIN EURO BLK KEY A07
	1360337	ALSPEC 62MM LAZY CAM CYLINDER 2 x 5 PIN EURO BLK KEY A08
	1360338	ALSPEC 62MM LAZY CAM CYLINDER 2 x 5 PIN EURO BLK KEY A09
	1360339	ALSPEC 62MM LAZY CAM CYLINDER 2 x 5 PIN EURO BLK KEY A10

* Black Cylinder in Key No. A05 - A10 is not available until January 2024

6. Hardware & Components

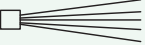
Fasteners

SCREWS		
PART #	DESCRIPTION	LOCATION
1382026	10g x 1/2 (13mm) SS PHILLIPS U/CUT SELF TAPPING x 1000	DOOR CORNER STAKE

ANTI-TAMPER SCREWS AND SCREW KEYS	
PART #	DESCRIPTION
1311551	SECURITY TAMPER PROOF SCREW 25mm GALV x 1
1311553	SECURITY TAMPER PROOF SCREW 25mm BRIGHT ZINC x 1
1311552	SECURITY TAMPER PROOF SCREW 40mm GALV x 1
1311554	SECURITY TAMPER PROOF SCREW 40mm BRIGHT ZINC x 1
1383160	TRI-LOBULAR SECURITY TAMPER PROOF SCREW KEY 25mm
1383161	SECURITY TAMPER PROOF SCREW KEY 100mm

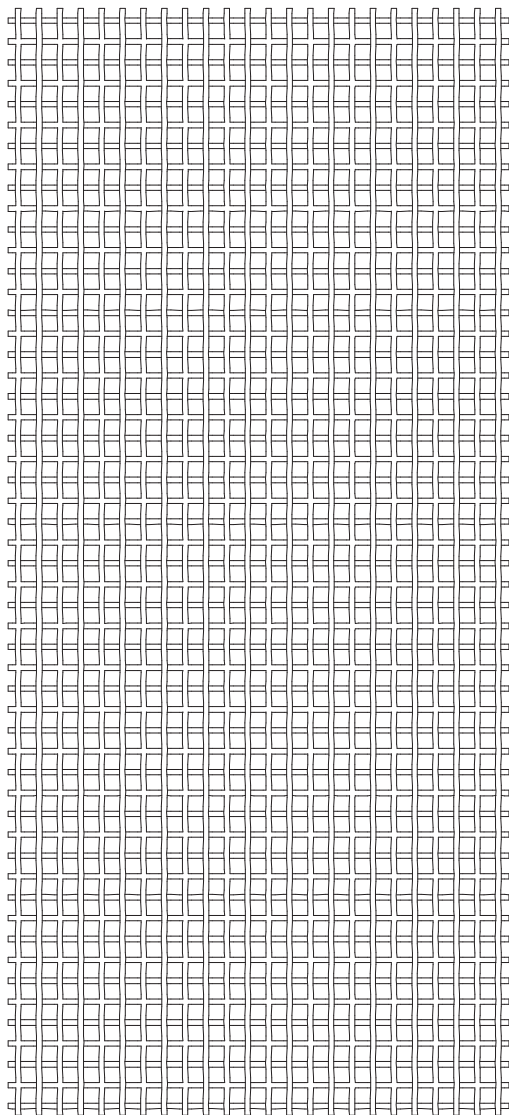
RIVETS			DRILL BIT	
PART #	DESCRIPTION	LOCATION	PART #	DESCRIPTION
1380167	AS5-4 STAINLESS STEEL RIVETS x 1000 MILL	DOOR CORNER STAKE, HINGES TO SCREEN	1391263	DRILL PANEL SHORTIE #20 x 10
			1391269	DRILL PANEL DOUBLE ENDED #20 x 10
1380161	AS4-3 STAINLESS STEEL RIVETS x 1000 MILL	WINDOW CORNER STAKE	1391261	DRILL PANEL SHORTIE #30 x 10
			1391267	DRILL PANEL DOUBLE ENDED #30 x 10

Seals

IMAGE	PART #	FINISH	DESCRIPTION
	1377408	BLACK (034)	PS11 11mm FRINGE PILE x 100m
	1377414	BLACK (034)	PS13 13mm FRINGE PILE x 100m
	1377415	BLACK (034)	PS16 16mm FRINGE PILE x 100m
	1377423	BLACK (034)	PS20 20mm FRINGE PILE x 100m

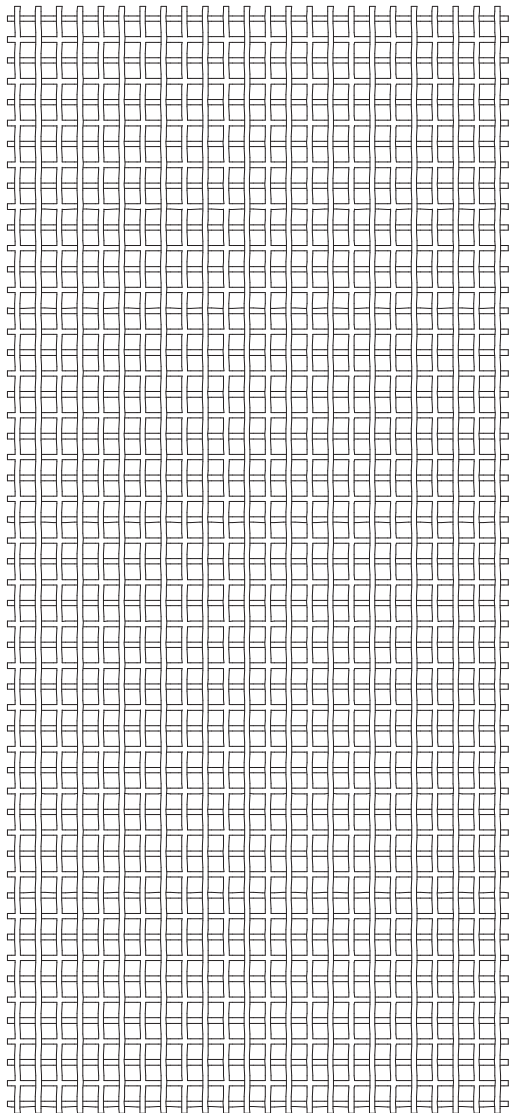
6. Hardware & Components

Mesh Sizes



OPTIMISED SECURITY MESH SATIN BLACK		
SIZE	PACK QTY.	PART NO.
750 x 1200	50	1409425
750 x 1500	50	1409427
750 x 1800	50	1409429
750 x 2000	5	1409400
	50	1409401
750 x 2400	5	1409406
	50	1409407
750 x 3000	5	1409412
	50	1409413
900 x 1200	50	1409431
900 x 1500	50	1409433
900 x 1800	50	1409435
900 x 2000	5	1409402
	50	1409403
900 x 2400	5	1409408
	50	1409409
900 x 3000	5	1409414
	50	1409415
1000 x 1200	50	1409437
1000 x 1800	50	1409439
1000 x 2000	50	1409441
1000 x 2400	50	1409443
1000 x 3000	50	1409445
1200 x 1200	50	1409447
1200 x 1500	50	1409451
1200 x 1800	50	1409449
1200 x 2000	5	1409404
	50	1409405
1200 x 2400	3	1409410
	50	1409411

Mesh Sizes



OPTIMISED SECURITY MESH SATIN BLACK		
SIZE	PACK QTY.	PART NO.
1200 x 3000	3	1409416
	50	1409417
1500 x 1500	50	1409453
1500 x 2000	2	1409418
	50	1409419
1500 x 2400	2	1409420
	50	1409421
1500 x 3000	2	1409422
	50	1409423

6. Hardware & Components

Silicone



100% NEUTRAL CURE SILICONE

- Premium 100% silicone
- UV Stable
- Superior adhesion
- Flexible + 25%
- AS4020 Approved



100% MATTE NEUTRAL CURE SILICONE

- Premium 100% silicone
- Matte finish
- UV Stable
- Outstanding elongation
- Higher strength



41 CLADDING SILICONE

- Premium 100% silicone
- UV Stable
- Superior adhesion
- Movement capability + 50%



WET AREA SILICONE

- Premium 100% silicone
- Mould inhibited
- Movement capability + 25%
- UV Stable
- Non corrosive
- Superior adhesion



HYBRID PU ADHESIVE SEALANT

- No isocyanates
- Internal/External
- No shrinking/staining
- Paintable
- Excellent adhesion



20 ACETIC CURE SILICONE

- Premium 100% silicone
- UV Stable
- Superior adhesion
- Flexible + 25%



D60 SILICONE

- Premium 100% silicone
- UV Stable
- 2-5 minute skin time
- Flexible + 25%
- No slump

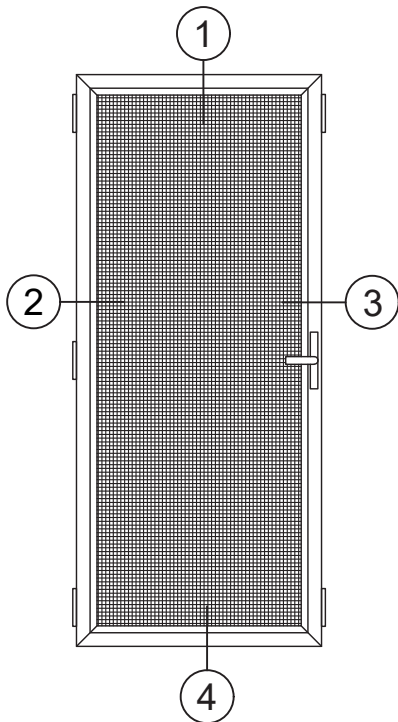
*FOR MORE INFORMATION ON SILICONES,
PLEASE REFER TO ALSPEC SILICONE BROCHURE.

6. Hardware & Components

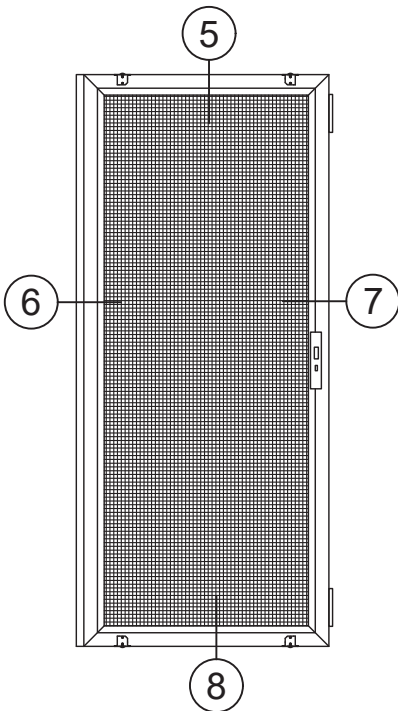
Silicone Product Codes

Product Category	Item No.	Alspec Part No.	Description	Finish	Pack
ALSPEC 100%	1	1386113	ALSPEC 100% NEUTRAL CURE SILICONE x 300ml CAT	ALMOND IVORY	CARTRIDGE
	2	1386114	ALSPEC 100% NEUTRAL CURE SILICONE x 300ml CAT	ALUMINIUM	CARTRIDGE
	3	1386105	ALSPEC 100% NEUTRAL CURE SILICONE x 300ml CAT	BLACK	CARTRIDGE
	4	1386140	ALSPEC 100% NEUTRAL CURE SILICONE x 300ml CAT	CAULFIELD GREEN	CARTRIDGE
	5	1386111	ALSPEC 100% NEUTRAL CURE SILICONE x 300ml CAT	CLASSIC CREAM	CARTRIDGE
	6	1386108	ALSPEC 100% NEUTRAL CURE SILICONE x 300ml CAT	LIGHT GREY	CARTRIDGE
	7	1386138	ALSPEC 100% NEUTRAL CURE SILICONE x 300ml CAT	MONUMENT	CARTRIDGE
	8	1386112	ALSPEC 100% NEUTRAL CURE SILICONE x 300ml CAT	OFF WHITE	CARTRIDGE
	9	1386141	ALSPEC 100% NEUTRAL CURE SILICONE x 300ml CAT	STONE BEIGE	CARTRIDGE
	10	1386101	ALSPEC 100% NEUTRAL CURE SILICONE x 300ml CAT	TRANSLUCENT	CARTRIDGE
	11	1386106	ALSPEC 100% NEUTRAL CURE SILICONE x 300ml CAT	WHITE	CARTRIDGE
	12	1386143	ALSPEC 100% NEUTRAL CURE SILICONE x 300ml CAT	WOODLAND GREY	CARTRIDGE
ALSPEC 100% MATT	13	1386103	ALSPEC 100% NEUTRAL CURE SILICONE x 300ml CAT	BLACK MATT	CARTRIDGE
	14	1386107	ALSPEC 100% NEUTRAL CURE SILICONE x 300ml CAT	LIGHT GREY MATT	CARTRIDGE
	15	1386144	ALSPEC 100% NEUTRAL CURE SILICONE x 300ml CAT	WHITE MATT	CARTRIDGE
ALSPEC 20	16	1386115	ALSPEC 20 ACETIC CURE SILICONE x 300ml CAT	TRANSLUCENT	CARTRIDGE
ALSPEC 41 CLADDING	17	1386159	ALSPEC 41 CLADDING SILICONE x 300ml CAT	BLACK MATT	CARTRIDGE
	18	1386117	ALSPEC 41 CLADDING SILICONE x 600ml SAU	BLACK MATT	SAUSAGE
	19	1386158	ALSPEC 41 CLADDING SILICONE x 300ml CAT	LIGHT GREY MATT	CARTRIDGE
	20	1386118	ALSPEC 41 CLADDING SILICONE x 600ml SAU	LIGHT GREY MATT	SAUSAGE
	21	1386157	ALSPEC 41 CLADDING SILICONE x 300ml CAT	WHITE MATT	CARTRIDGE
	22	1386145	ALSPEC 41 CLADDING SILICONE x 600ml SAU	WHITE MATT	SAUSAGE
ALSPEC D60	23	1386121	ALSPEC D60 SILICONE x 300ml CAT	BLACK	CARTRIDGE
	25	1386123	ALSPEC D60 SILICONE x 300ml CAT	GREY	CARTRIDGE
	26	1386120	ALSPEC D60 SILICONE x 300ml CAT	TRANSLUCENT	CARTRIDGE
	27	1386124	ALSPEC D60 SILICONE x 300ml CAT	WHITE	CARTRIDGE
ALSPEC HYBRID PU	28	1386127	ALSPEC HYBRID PU x 300ml CAT	BLACK	CARTRIDGE
	29	1386126	ALSPEC HYBRID PU x 600ml SAU	BLACK	SAUSAGE
	30	1386160	ALSPEC HYBRID PU x 300ml CAT	GREY	CARTRIDGE
	31	1386128	ALSPEC HYBRID PU x 600ml SAU	GREY	SAUSAGE
	32	1386130	ALSPEC HYBRID PU x 300ml CAT	WHITE	CARTRIDGE
	33	1386129	ALSPEC HYBRID PU x 600ml SAU	WHITE	SAUSAGE
ALSPEC WET AREA	34	1386137	ALSPEC WET AREA SILICONE x 300ml CAT	ALMOND IVORY	CARTRIDGE
	35	1386139	ALSPEC WET AREA SILICONE x 300ml CAT	BLACK	CARTRIDGE
	36	1386146	ALSPEC WET AREA SILICONE x 300ml CAT	BLUESTONE	CARTRIDGE
	37	1386147	ALSPEC WET AREA SILICONE x 300ml CAT	CHARCOAL	CARTRIDGE
	38	1386136	ALSPEC WET AREA SILICONE x 300ml CAT	LIGHT GREY	CARTRIDGE
	39	1386148	ALSPEC WET AREA SILICONE x 300ml CAT	MID GREY	CARTRIDGE
	40	1386149	ALSPEC WET AREA SILICONE x 300ml CAT	OFF WHITE	CARTRIDGE
	41	1386150	ALSPEC WET AREA SILICONE x 300ml CAT	PEWTER	CARTRIDGE
	42	1386151	ALSPEC WET AREA SILICONE x 300ml CAT	STONE BEIGE	CARTRIDGE
	43	1386154	ALSPEC WET AREA SILICONE x 300ml CAT	TAUPE	CARTRIDGE
	44	1386152	ALSPEC WET AREA SILICONE x 300ml CAT	TILE GREY	CARTRIDGE
	45	1386133	ALSPEC WET AREA SILICONE x 300ml CAT	TRANSLUCENT	CARTRIDGE
	46	1386153	ALSPEC WET AREA SILICONE x 300ml CAT	TRAVERTINE	CARTRIDGE
	47	1386134	ALSPEC WET AREA SILICONE x 300ml CAT	WHITE	CARTRIDGE

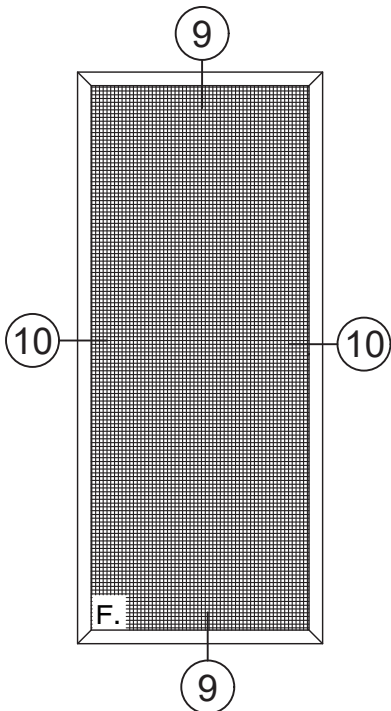
HINGED DOOR SCREEN



SLIDING DOOR SCREEN

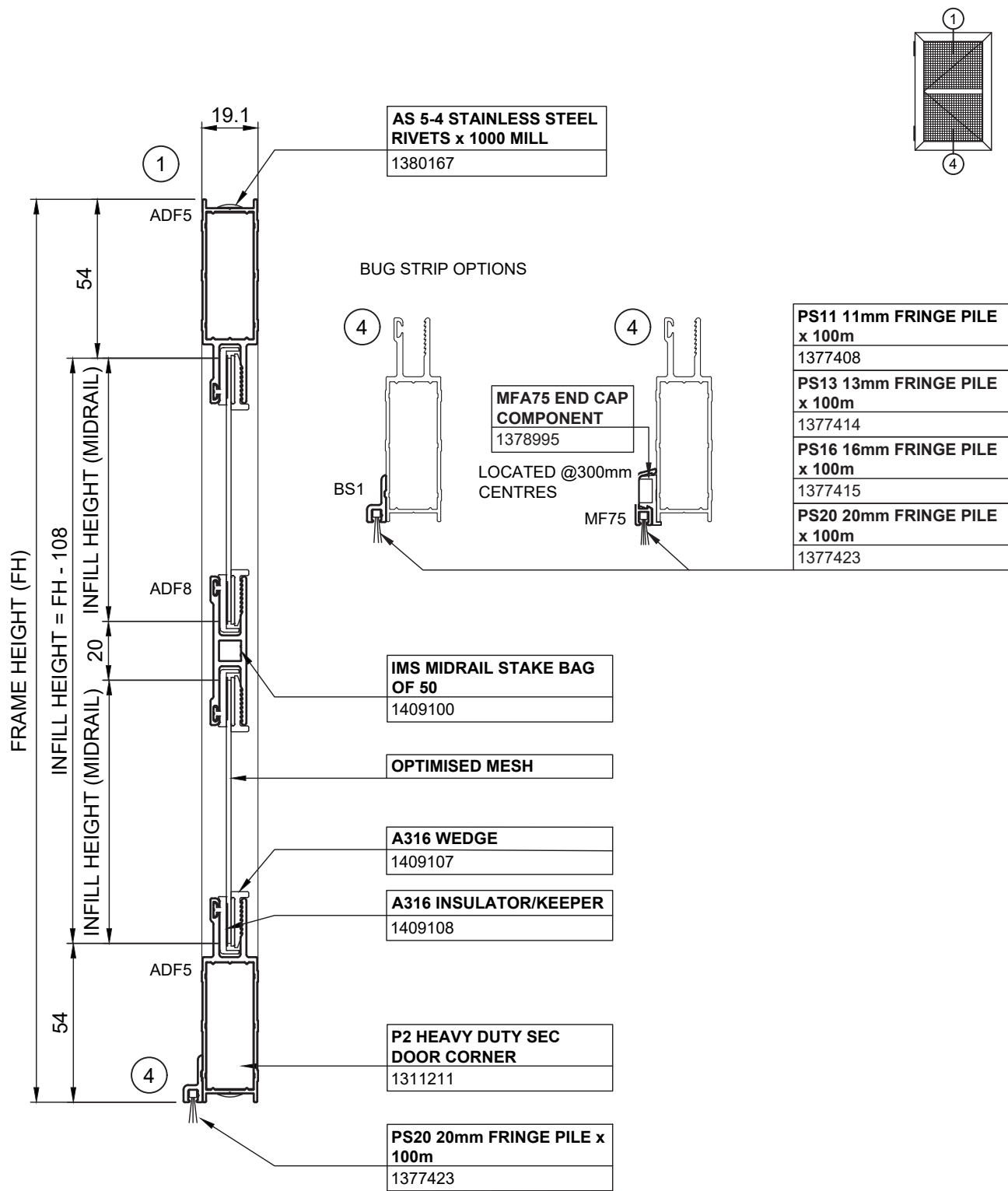


WINDOW SCREEN



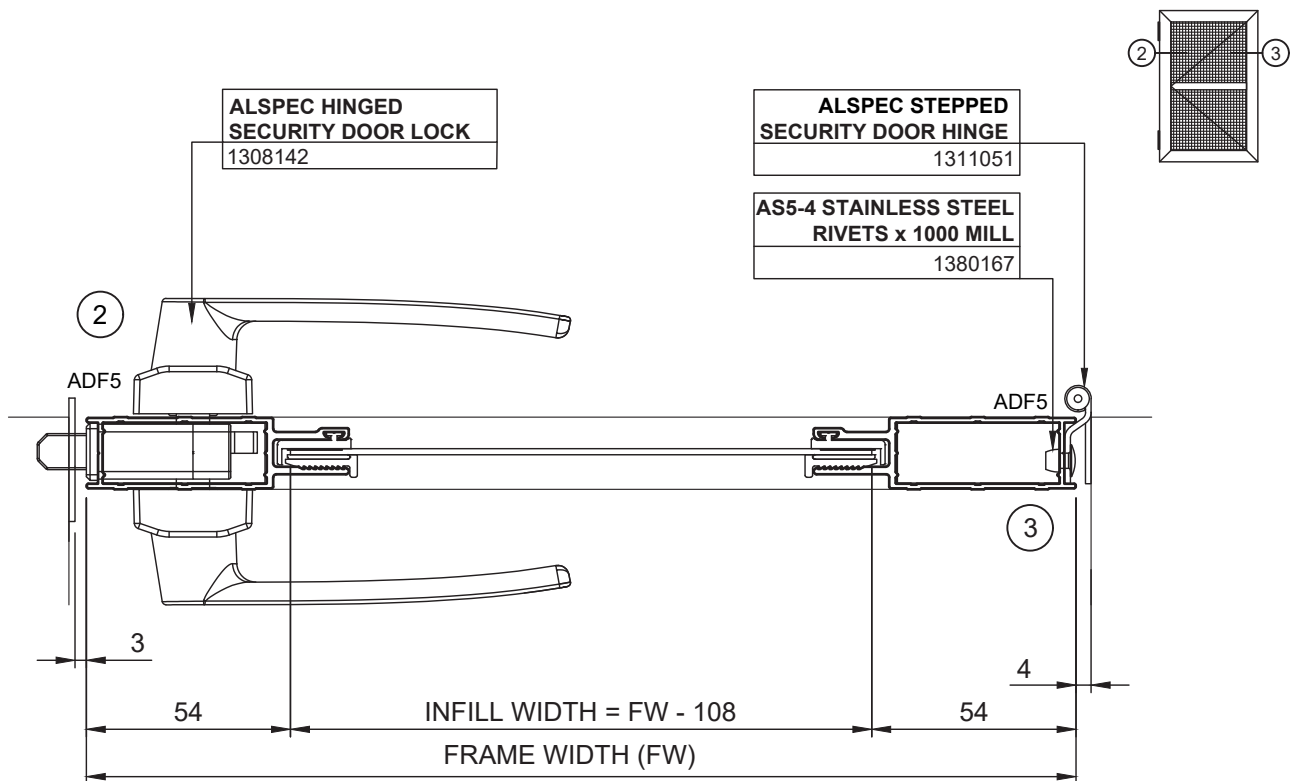
8. Typical Details

Eco-Gard Hinged Door



8. Typical Details

Eco-Gard Hinged Door

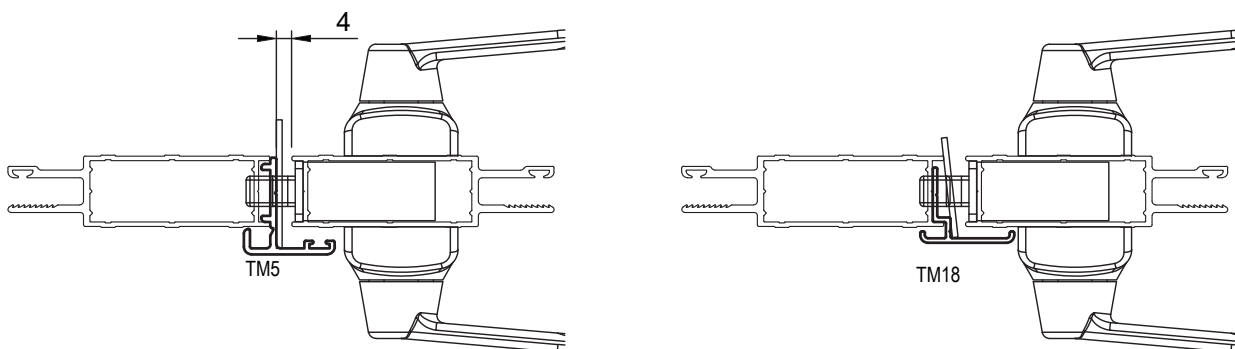


****** MAX DISTANCE BETWEEN THE DOOR AND THE FRAME AT THE LOCKING POINTS SHALL NOT BE GREATER THAN 3mm.

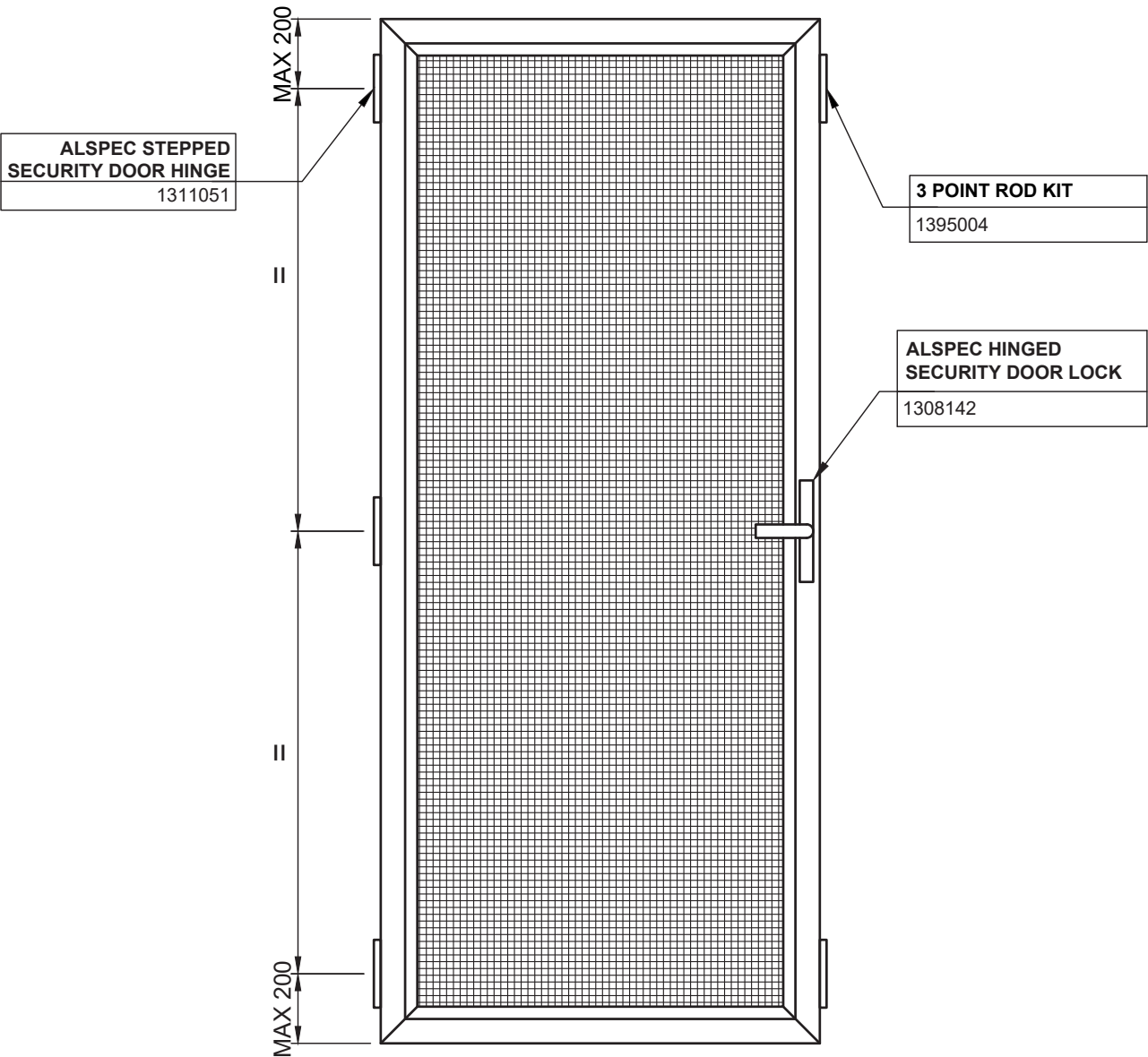
******* MAX DISTANCE BETWEEN THE DOOR AND THE FRAME AT THE HINGING POINTS SHALL NOT BE GREATER THAN 4mm.

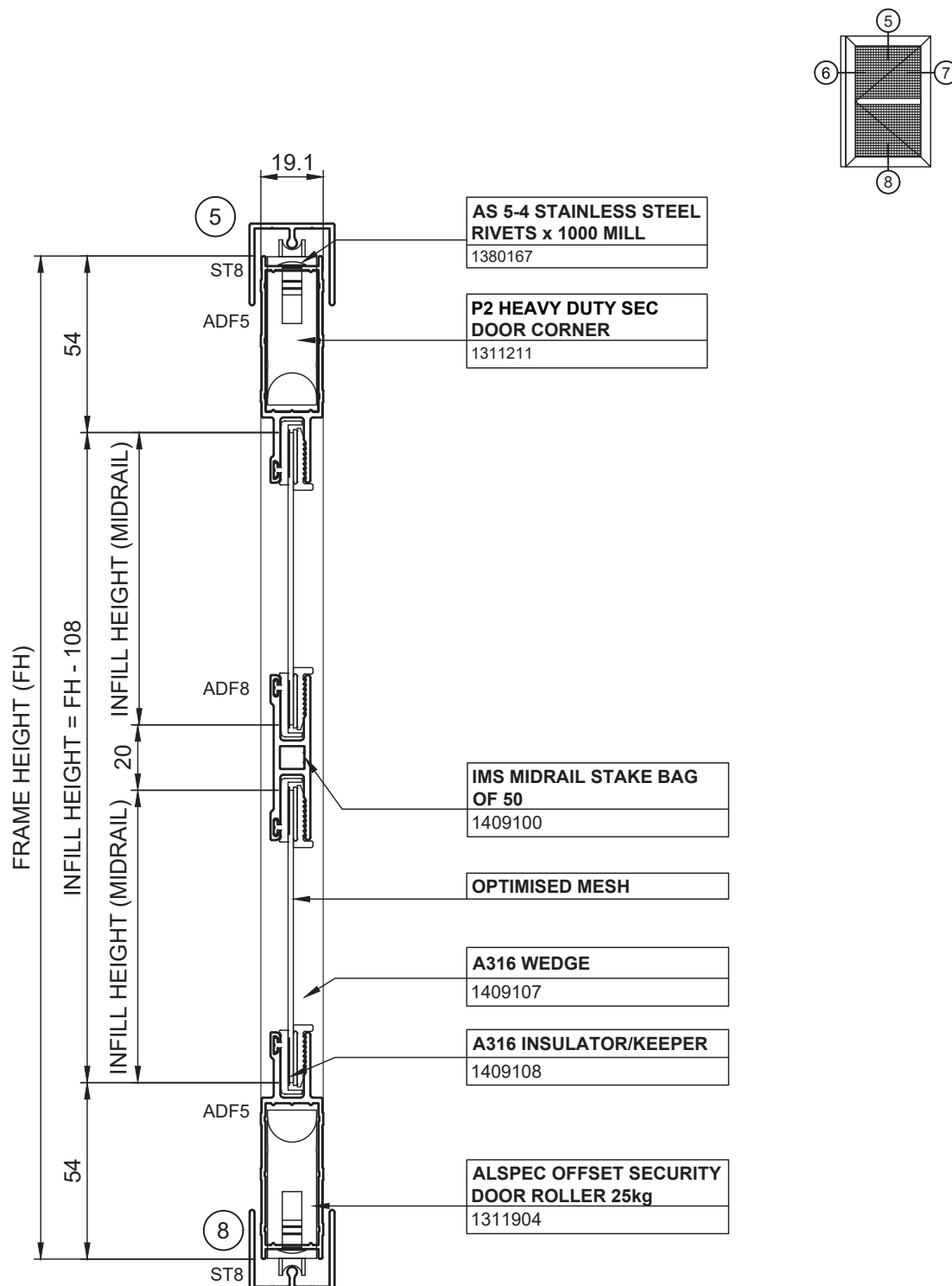
ALL OTHER POINTS, THE DISTANCE SHALL NOT BE GREATER THAN 5mm. SILL CLEARANCE ONLY MAY EXCEED 5mm TO COMPENSATE FOR IRREGULARITIES IN THE FLOOR OR DOORSTEP

FRENCH/DOUBLE DOOR ADAPTORS



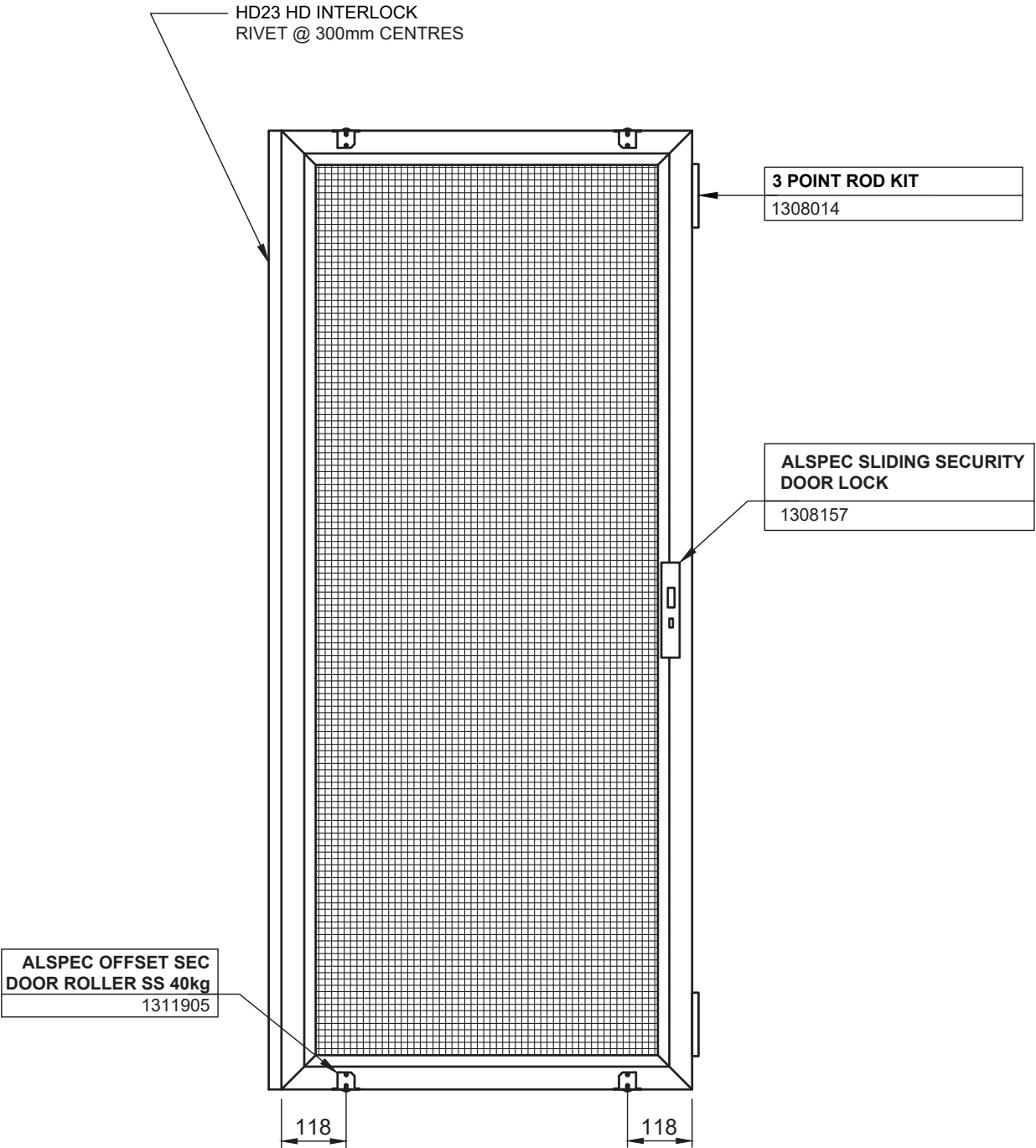
Hinged Door - Hardware Layout and Locking Points





8. Typical Details

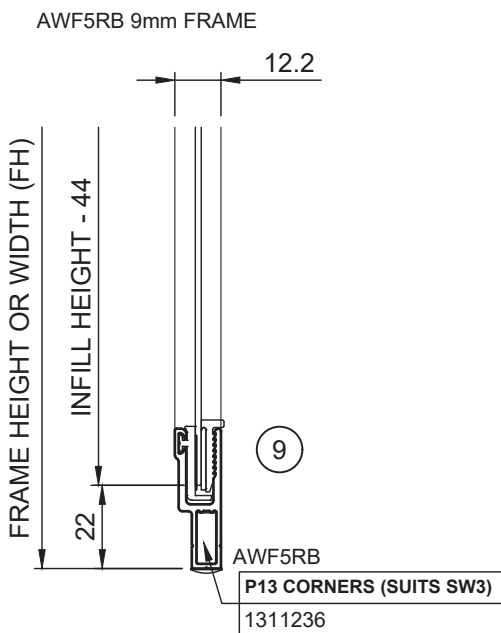
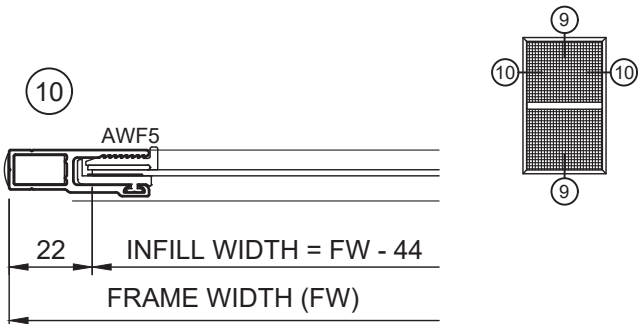
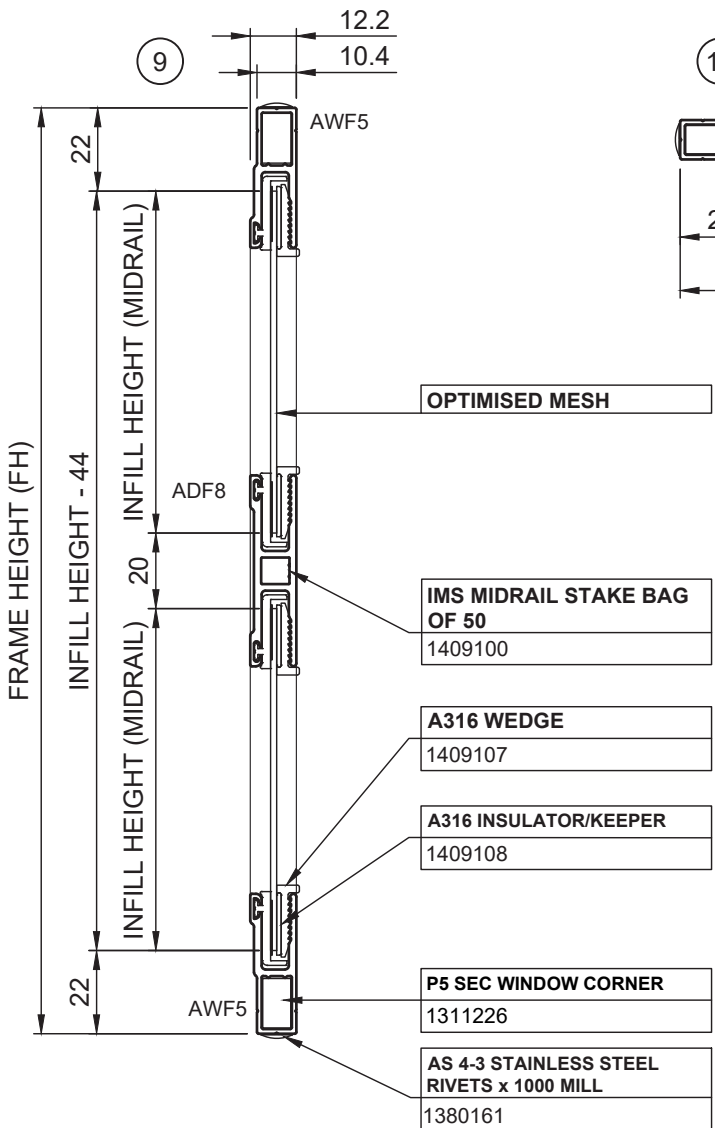
Sliding Door - Hardware Layout and Locking Points



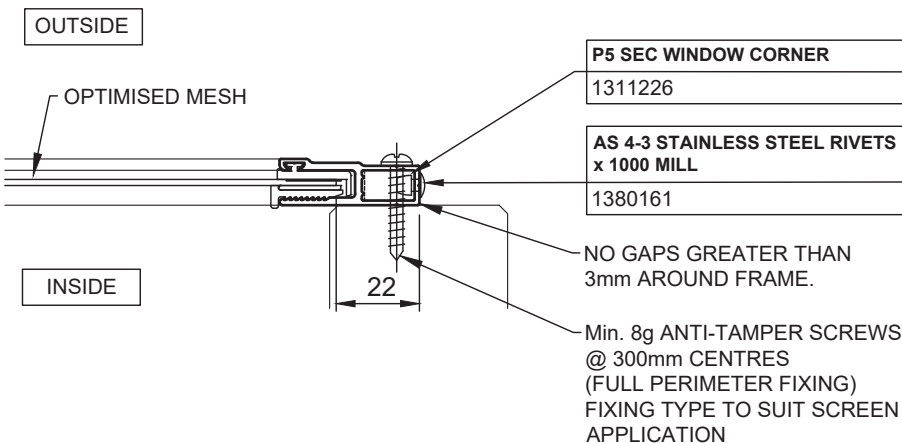
8. Typical Details

Eco-Gard Window Screen

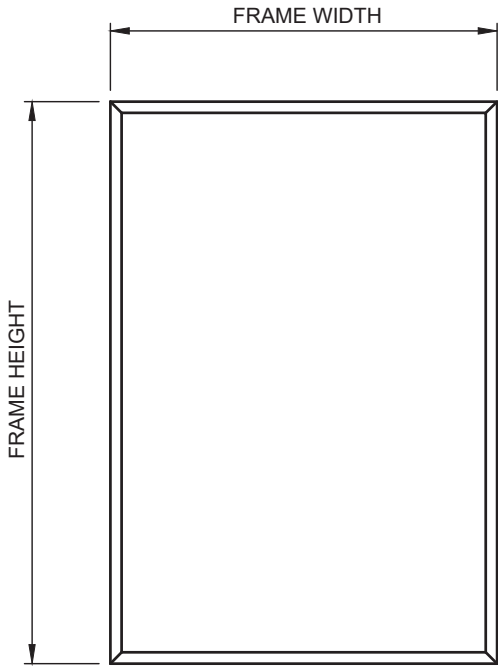
AWF5 11mm FRAME



TYPICAL SCREEN WINDOW INSTALLATION



Hinged / Sliding Door

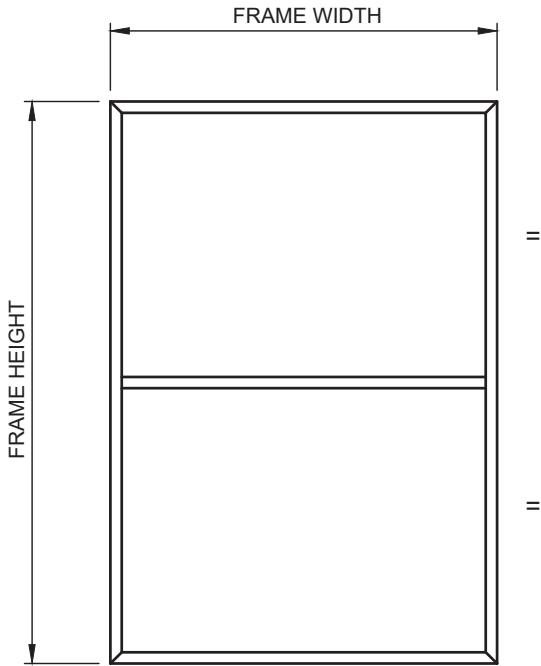


* Mitre cut

	PROFILE	SECTION NO.	DESCRIPTION	CUTTING FORMULA	QTY
*		ADF5	Door Frame	Frame Height	2
*		ADF5	Door Frame	Frame Width	2
	MESH	HEIGHT		Frame Height - 108	1
		WIDTH		Frame Width - 108	

9. Cutting Formulas

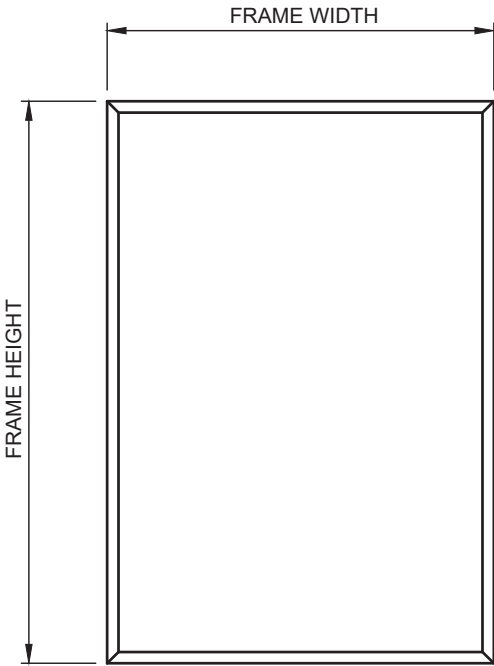
Hinged / Sliding Door - Horizontal Mid Rail



* Mitre cut

	PROFILE	SECTION NO.	DESCRIPTION	CUTTING FORMULA	QTY
*		ADF5	Door Frame	Frame Height	2
*		ADF5	Door Frame	Frame Width	2
		ADF8	Mid Rail	Frame Width - 139	1
	MESH	HEIGHT		Frame Height / 2 - 64	2
		WIDTH		Frame Width - 108	

Fixed Screen

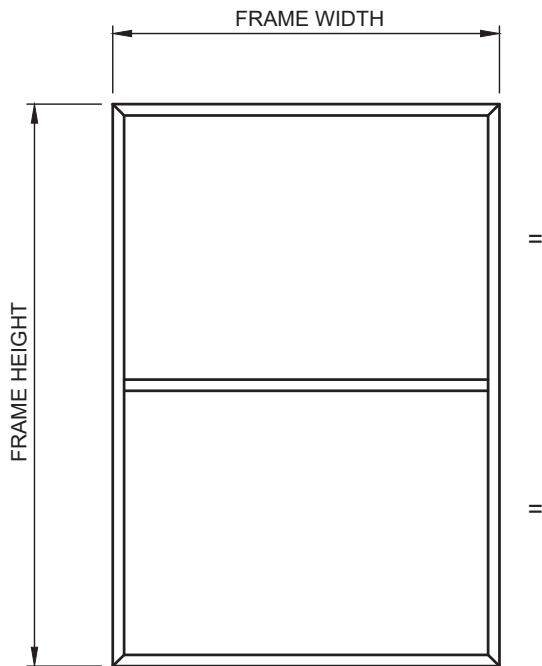


* Mitre cut

	PROFILE	SECTION NO.	DESCRIPTION	CUTTING FORMULA	QTY
*		AFW5 / AFW5RB	Window Frame	Frame Height	2
*		AFW5 / AFW5RB	Window Frame	Frame Width	2
	MESH	HEIGHT		Frame Height - 44	1
		WIDTH		Frame Width - 44	

9. Cutting Formulas

Fixed Screen - Horizontal Mid Rail

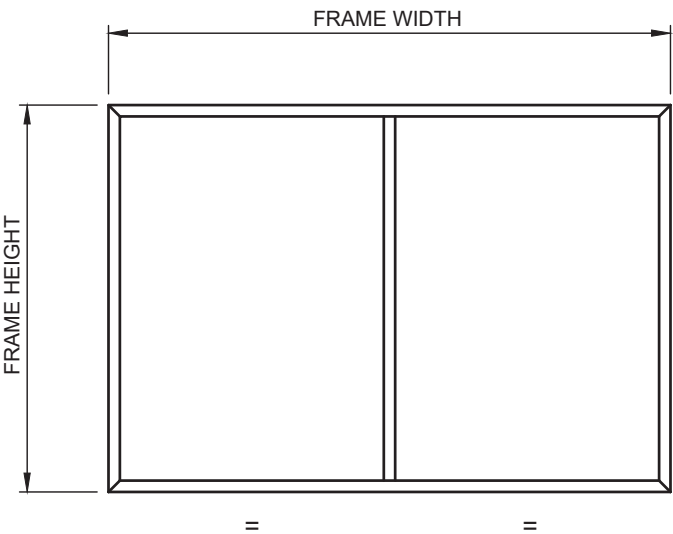


* Mitre cut

PROFILE	SECTION NO.	DESCRIPTION	CUTTING FORMULA	QTY
* 	AFW5 / AFW5RB	Window Frame	Frame Height	2
* 	AFW5 / AFW5RB	Window Frame	Frame Width	2
	ADF8	Mid Rail	Frame Width - 74	1
MESH	HEIGHT		Frame Height / 2 - 34	2
	WIDTH		Frame Width - 44	

9. Cutting Formulas

Fixed Screen - Vertical Mid Rail

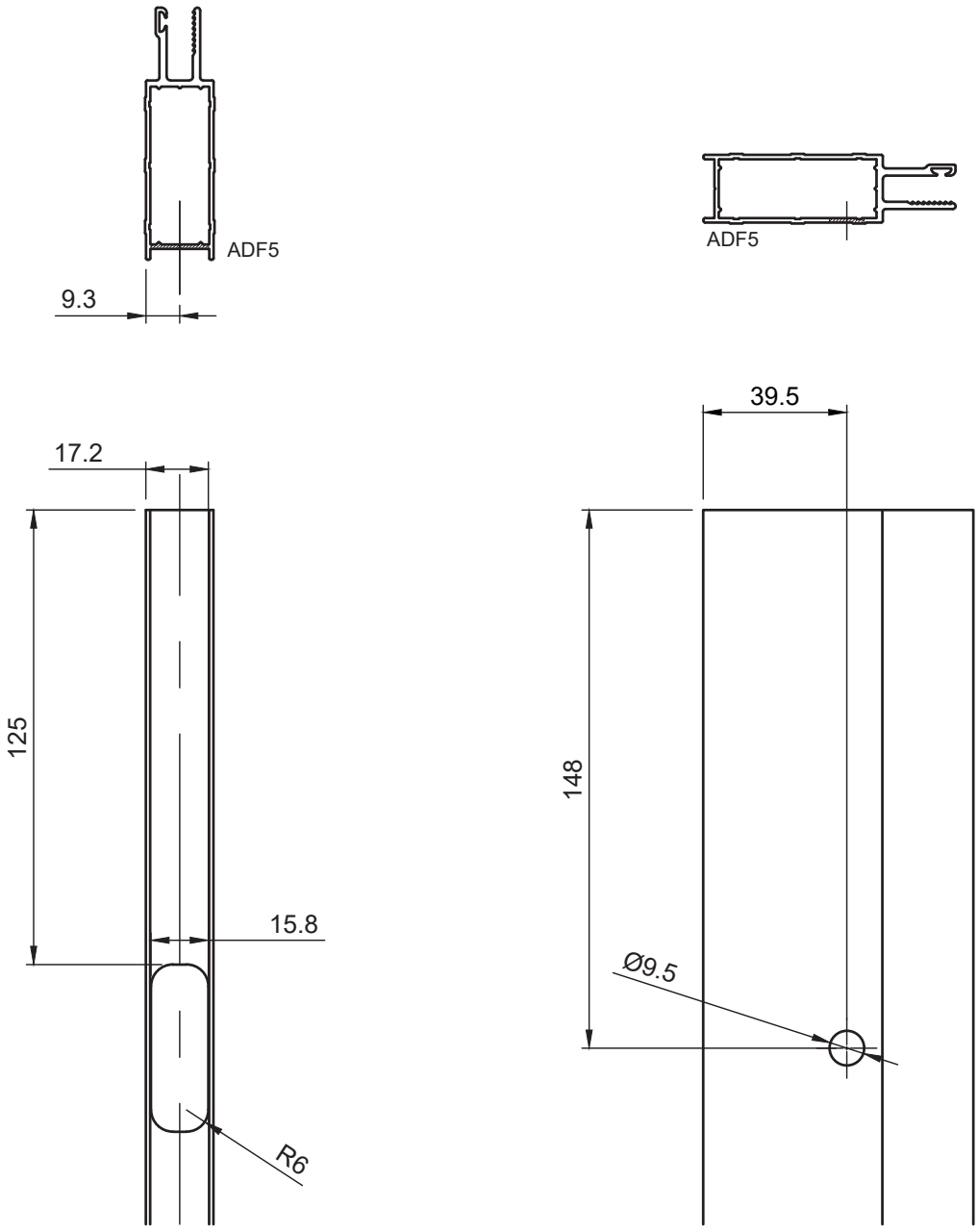


* Mitre cut

PROFILE	SECTION NO.	DESCRIPTION	CUTTING FORMULA	QTY
* 	AFW5 / AFW5RB	Window Frame	Frame Height	2
* 	AFW5 / AFW5RB	Window Frame	Frame Width	2
	ADF8	Mid Rail	Frame Height - 74	1
MESH	HEIGHT		Frame Height - 44	2
	WIDTH		Frame Width / 2 - 34	

10. Manufacturing Details

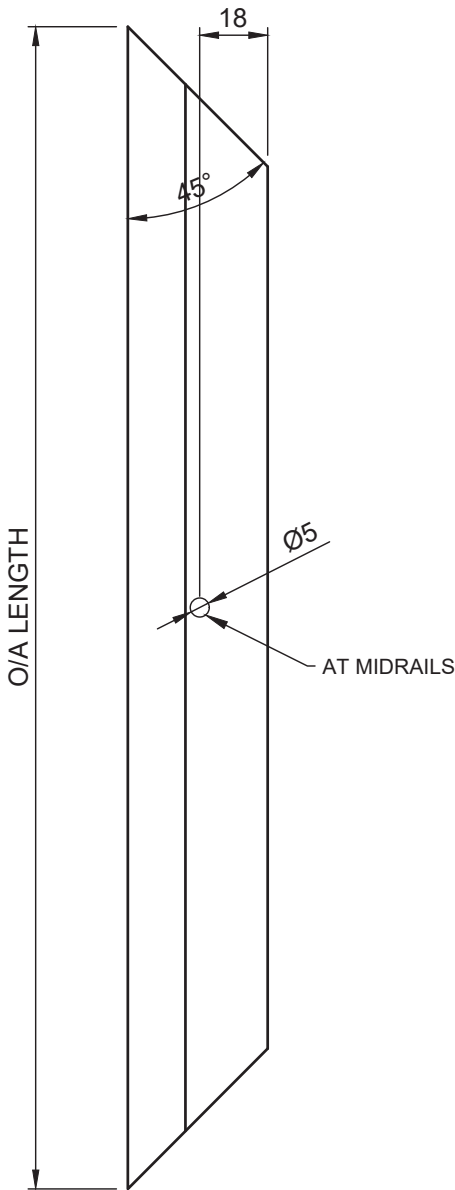
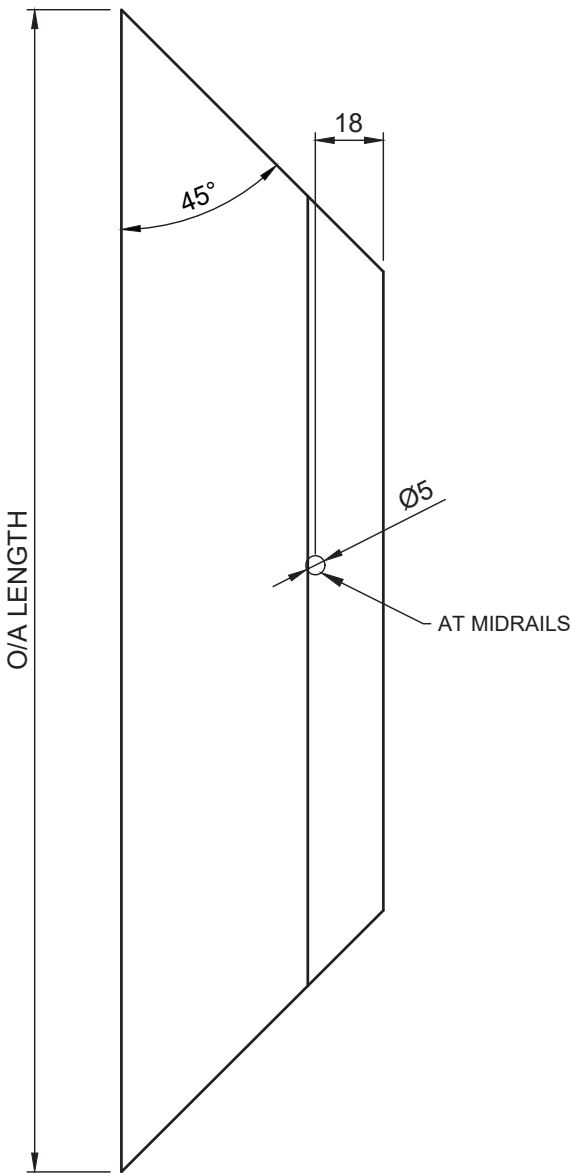
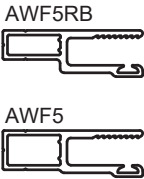
Roller Machining Detail



NOTE: TOP AND BOTTOM RAIL EXTRUSION MACHINED BOTH LEFT AND RIGHT ENDS

10. Manufacturing Details

Rail Preparation



NOTE: ALL PERIMETER FRAMES AND SASH SECTIONS ARE MITERED CUT

FRAMING

Your new **Eco-Gard Security Screens** frames have been manufactured using the highest quality materials available to the Architectural industry. Constructed from Architectural grade aluminium, these products are highly corrosion resistant and exceptionally strong. With a moderate amount of maintenance, the **Eco-Gard Security Screens** frame will retain it's good looks and resist the elements for years to come.

The **Eco-Gard Security Screens** frames are the product of extensive research and development and designed to resist corrosion and rusting, but as with all external elements on the building require some maintenance to keep them looking good and performing well. Depending on how harsh the environment elements are, the maintenance period will vary. Refer to recommended maintenance table below.

Your **Eco-Gard Security Screens** frames should only ever need to be washed down with a soft bristled brush using warm water and mild detergent. Rinse well with fresh water and remove any detergent residue. Strong detergents and abrasive cleaners should never be used to clean the **Eco-Gard Security Screens** frames as they may scratch or damage the surface finish.

MAINTENANCE PERIOD TABLE

ENVIRONMENT	RECOMMENDED MAXIMUM MAINTENANCE INTERVAL
Mild	Six Months
Moderate	Three Months
Tropical/Severe	One Month

Environmental Definitions:

Mild – Being rural, away from the coast and remote from industry and urban activity.

Moderate – Being mainly urban, inland and away from heavy industry.

Tropical – Being coastal/marine, subject to salt deposition and within 15km of the Eastern coast or 10km of the Western coast of Australia.

SYDNEY

3 Alspec Place
Eastern Creek NSW 2766
Phone: 02 9834 9500
sydney@alspec.com.au

MELBOURNE

26–40 Pound Road West
Dandenong South VIC 3175
Phone: 03 8787 6333
melbourne@alspec.com.au

BRISBANE

8–22 Jutland Street
Loganlea QLD 4131
Phone: 07 3089 4900
brisbane@alspec.com.au

ADELAIDE

1 Pope Court
Beverley SA 5009
Phone: 08 8150 6960
adelaide@alspec.com.au

DARWIN

25 Bishop Street
Woolner NT 0820
Phone: 08 8941 7300
darwin@alspec.com.au

CANBERRA

28 Sheppard Street
Hume ACT 2620
Phone: 02 5134 3300
canberra@alspec.com.au

PERTH

30 Holder Way
Malaga WA 6090
Phone: 08 9209 9100
perth@alspec.com.au

NEWCASTLE

95 Griffiths Road
Lambton NSW 2299
Phone: 02 4952 9111
newcastle@alspec.com.au

BRENDALE

24 Doherty Street
Brendale QLD 4500
Phone: 07 3205 9911
brendale@alspec.com.au

SUNSHINE COAST

4-8 Empire Crescent
Chevallum QLD 4555
Phone: 07 5437 6123
sunshinecoast@alspec.com.au

TOWNSVILLE

21 Carroll Street
Mount Louisa QLD 4814
Phone: 07 3089 4965
townsville@alspec.com.au

CAIRNS

34–38 Hargreaves Street
Edmonton QLD 4869
Phone: 07 4037 6666
cairns@alspec.com.au

BUNDABERG

17 Production Street
Svensson Heights QLD 4670
Phone: 07 4111 2000
bundaberg@alspec.com.au

CARRUM DOWNS

99 Frankston Gardens Drive
Carrum Downs VIC 3201
Phone: 03 9775 1223
carrumdowns@alspec.com.au

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