



Sub Heads & Sub Sills



Sub Heads & Sub Sills

Technical Manual

December 2024 | ISSUE J

alspec[®]
EVERYTHING ALUMINIUM
& HARDWARE

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Changes or additions to this manual will be itemised with a brief description and date when the amendments were made.

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2. Technical Specifications

ALUMINIUM

Aluminium frames should be manufactured using Alspec's **SUB HEADS & SUB SILLS** framing system.

FINISHED

- 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 AS2047.

GLAZING

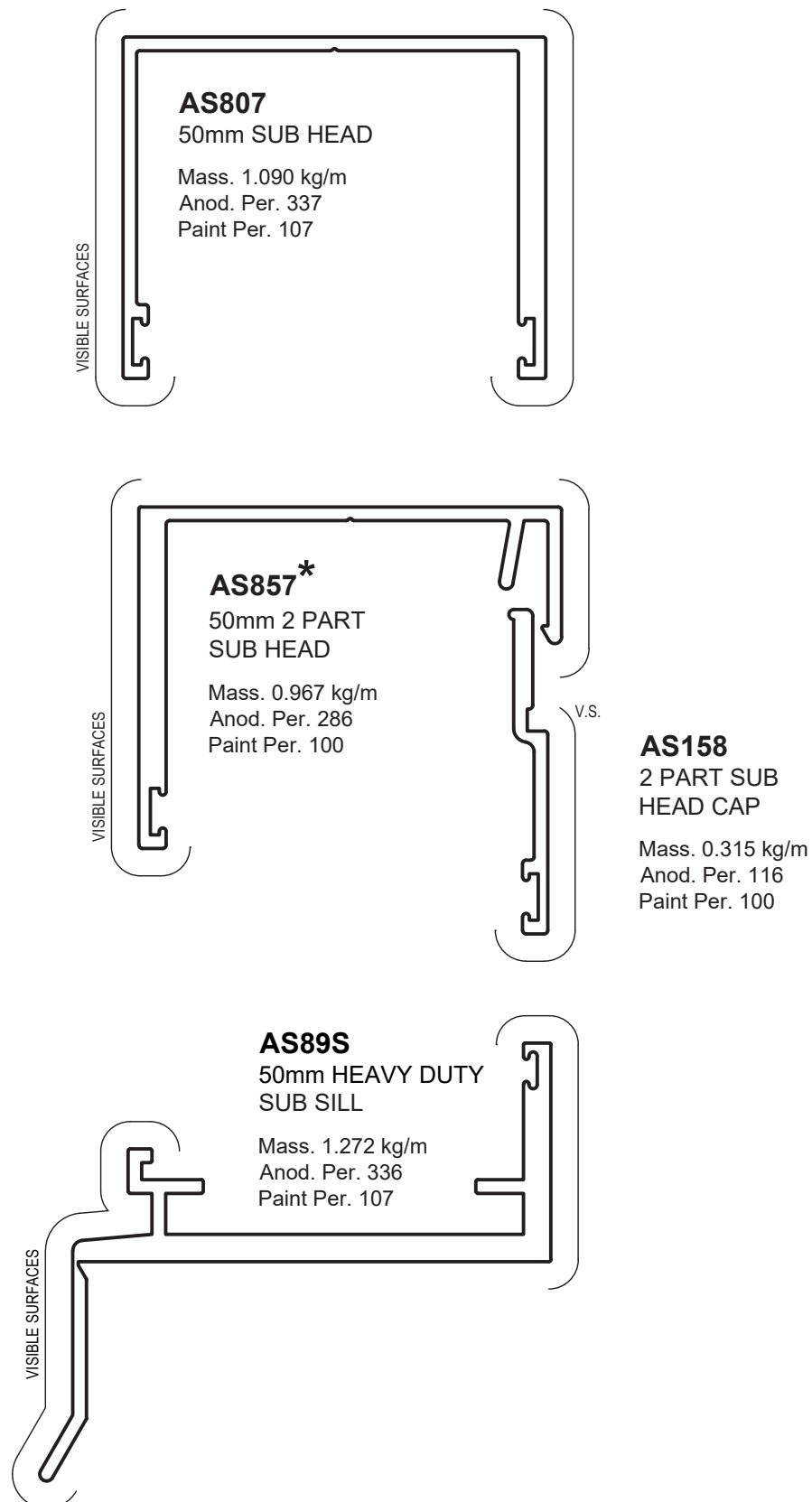
For window & door systems requiring a co-extruded captive gasket on the external side of the glazed pocket, Santoprene is the recommended material to be applied.

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. All such framing is to be constructed, assembled and fixed to meet the requirement of AS2047 (windows in buildings), AS1170 (loading code). All glass, glazing rubbers, seals and gaskets shall be applied in accordance with the requirements of AS1288 (glass in buildings - selection and installation) or AS4666 (insulated glass units).

Fabricators of the SUB HEADS & SUB SILLS system should seek certification by a consultant structural engineer as to the framing being acceptable for the design wind pressure and deflection characteristics required of the site.

5. Extrusions

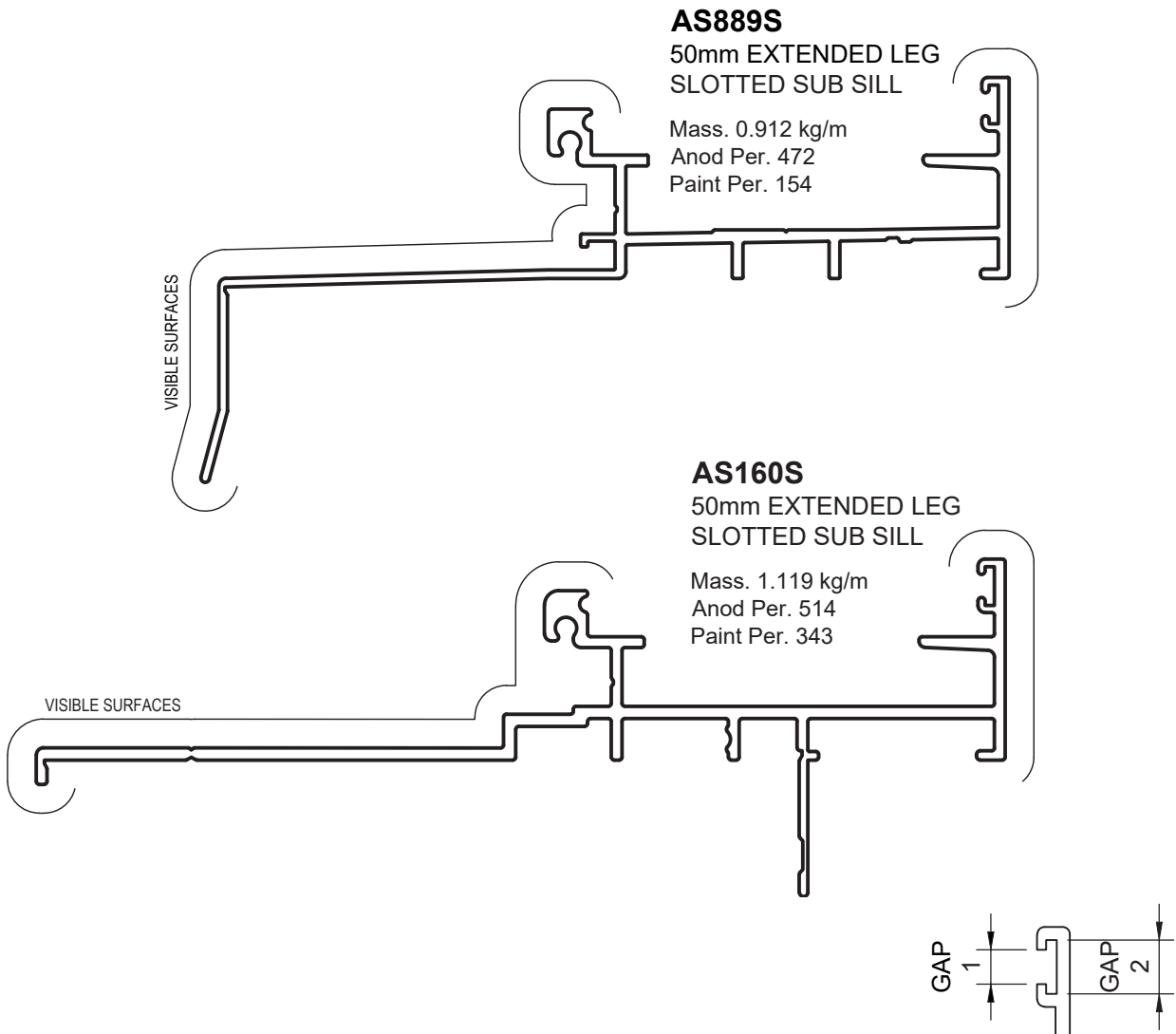
50mm Framing



NOTE: * REFERS TO NON STOCK ITEM
CHECK WITH YOUR NEAREST ALSPEC BRANCH FOR AVAILABILITY

5. Extrusions

50mm Framing & Seal Selection Chart

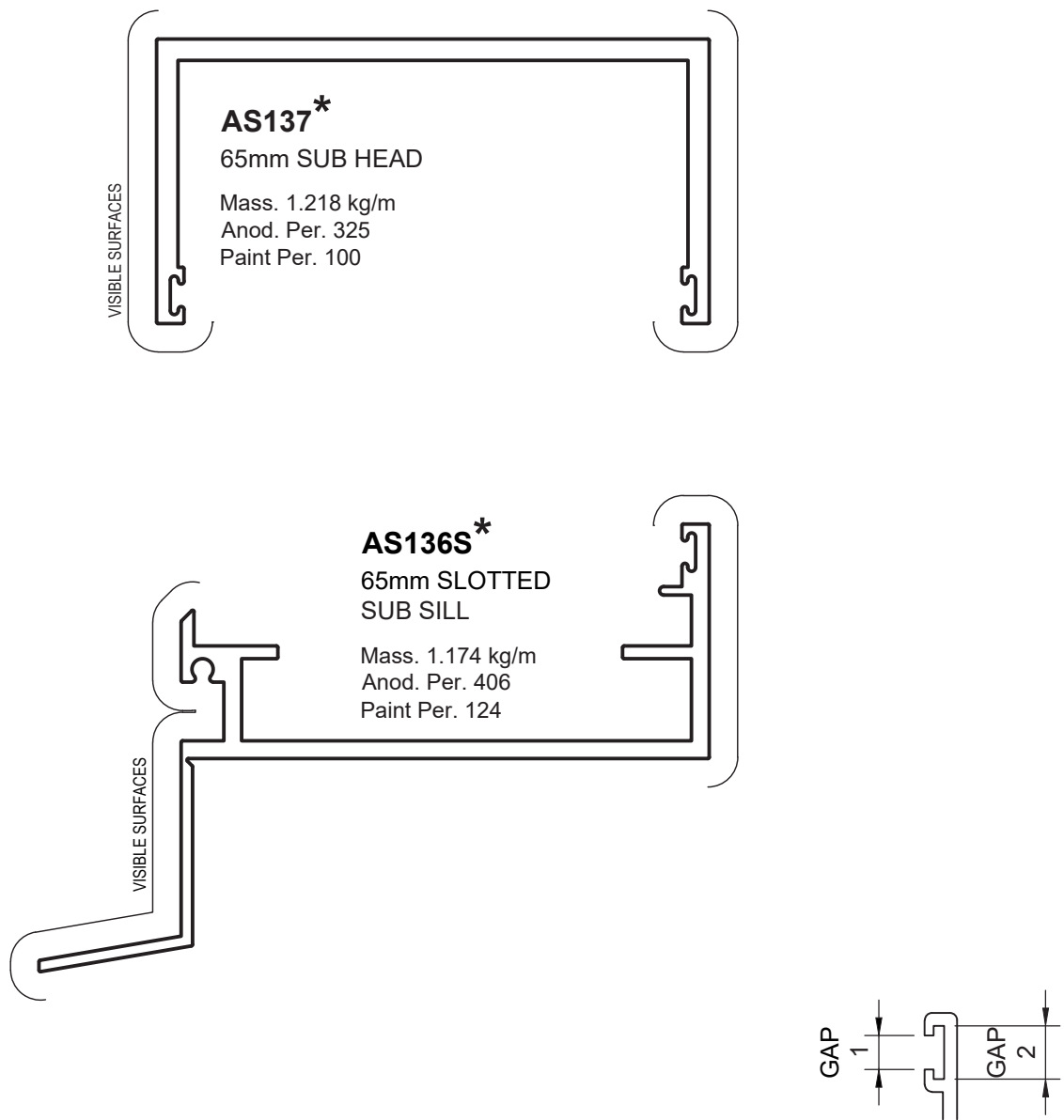


SEAL SELECTION CHART							
SECTION	DESCRIPTION	GAP 1	GAP 2	SEAL TO SUIT	ALSPEC CODE	SILL BAFFLE	ALSPEC CODE
AS89S	50mm HEAVY DUTY SUB SILL	3.2	5.4	WS48	1376848	-	-
AS158	2 PART SUB HEAD CAP	4.8	6.8	WS69	1376869	-	-
AS160S	50mm EXT. LEG SLOTTED SUB SILL	3.2	5.4	CE7	1376454	CE48	1376359
AS807	50mm SUB HEAD	4.8	6.8	WS69	1376869	-	-
AS857 *	50mm 2 PART SUB HEAD	4.8	6.8	WS69	1376869	-	-
AS889S	50mm EXT. LEG SLOTTED SUB SILL	3.2	5.4	CE7	1376454	CE12	1376342

NOTE: * REFERS TO NON STOCK ITEM
CHECK WITH YOUR NEAREST ALSPEC BRANCH FOR AVAILABILITY

5. Extrusions

65mm Framing & Seal Selection Chart

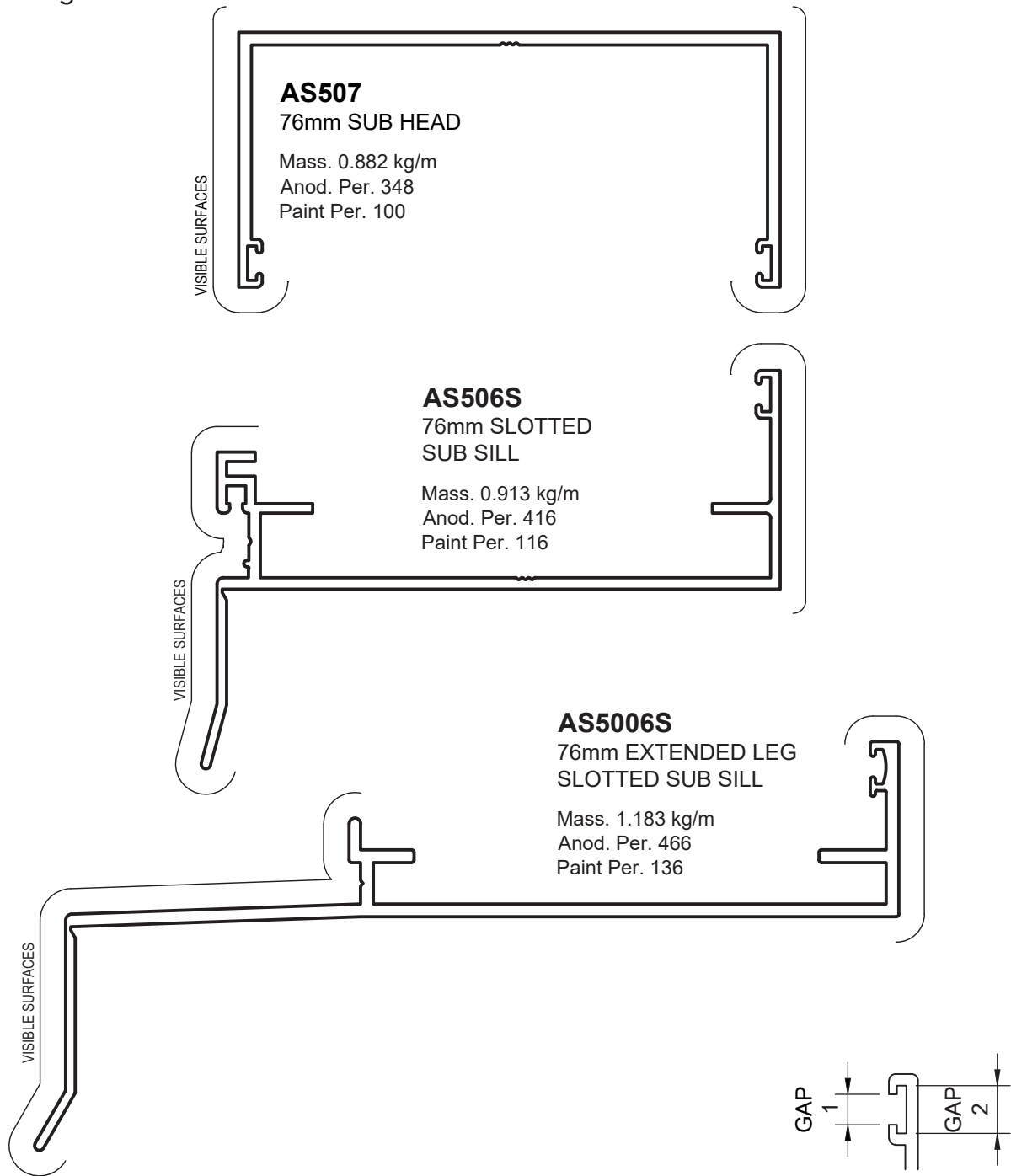


SEAL SELECTION CHART							
SECTION	DESCRIPTION	GAP 1	GAP 2	SEAL TO SUIT	ALSPEC CODE	SILL BAFFLE	ALSPEC CODE
AS136S *	65mm SLOTTED SUB SILL	3.2	5.4	WS48	1376848	CE48	1376359
AS137 *	65mm SUB HEAD	3.2	5.4	WS48	1376848	-	-

NOTE: * REFERS TO NON STOCK ITEM
CHECK WITH YOUR NEAREST ALSPEC BRANCH FOR AVAILABILITY

5. Extrusions

76mm Framing & Seal Selection Chart

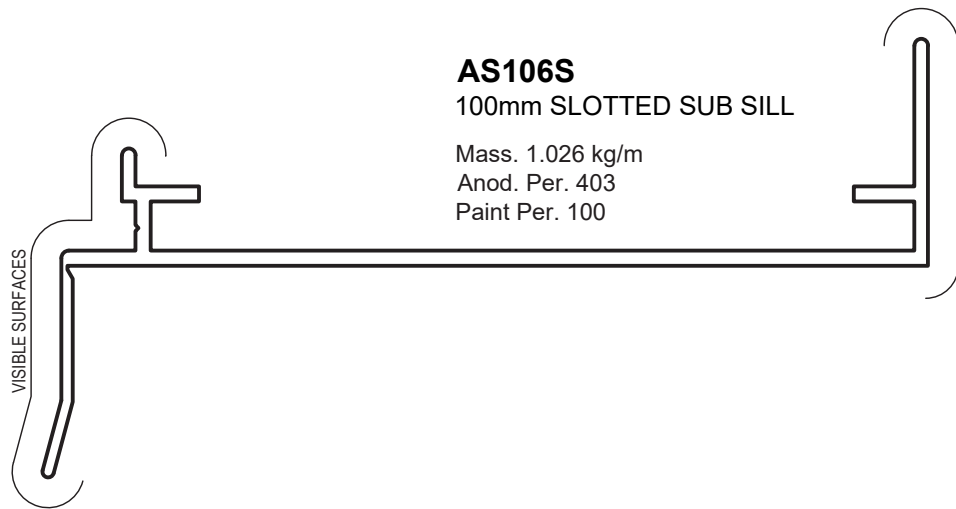


SEAL SELECTION CHART							
SECTION	DESCRIPTION	GAP 1	GAP 2	SEAL TO SUIT	ALSPEC CODE	SILL BAFFLE	ALSPEC CODE
AS506S	76mm SLOTTED SUB SILL	3.2	5.4	WS48	1376848	CE48	1376359
AS507	76mm SUB HEAD	3.2	5.4	WS48	1376848	-	-
AS5006S	76mm EXT. LEG SLOTTED SUB SILL	3.2	5.4	WS48	1376848		

NOTE: * REFERS TO NON STOCK ITEM
CHECK WITH YOUR NEAREST ALSPEC BRANCH FOR AVAILABILITY

5. Extrusions

101.6mm Framing



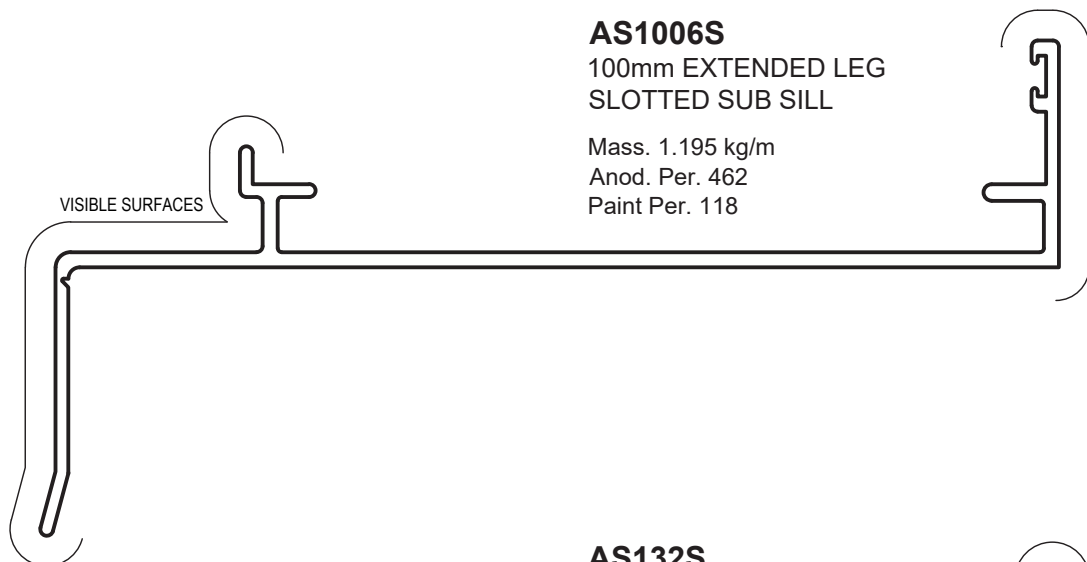
AS106S

100mm SLOTTED SUB SILL

Mass. 1.026 kg/m

Anod. Per. 403

Paint Per. 100



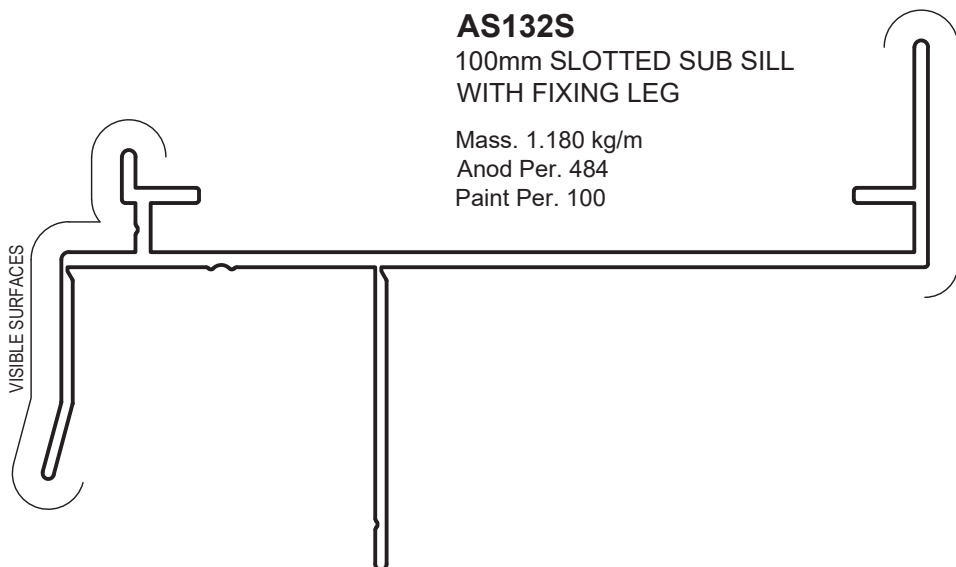
AS1006S

100mm EXTENDED LEG
SLOTTED SUB SILL

Mass. 1.195 kg/m

Anod. Per. 462

Paint Per. 118



AS132S

100mm SLOTTED SUB SILL
WITH FIXING LEG

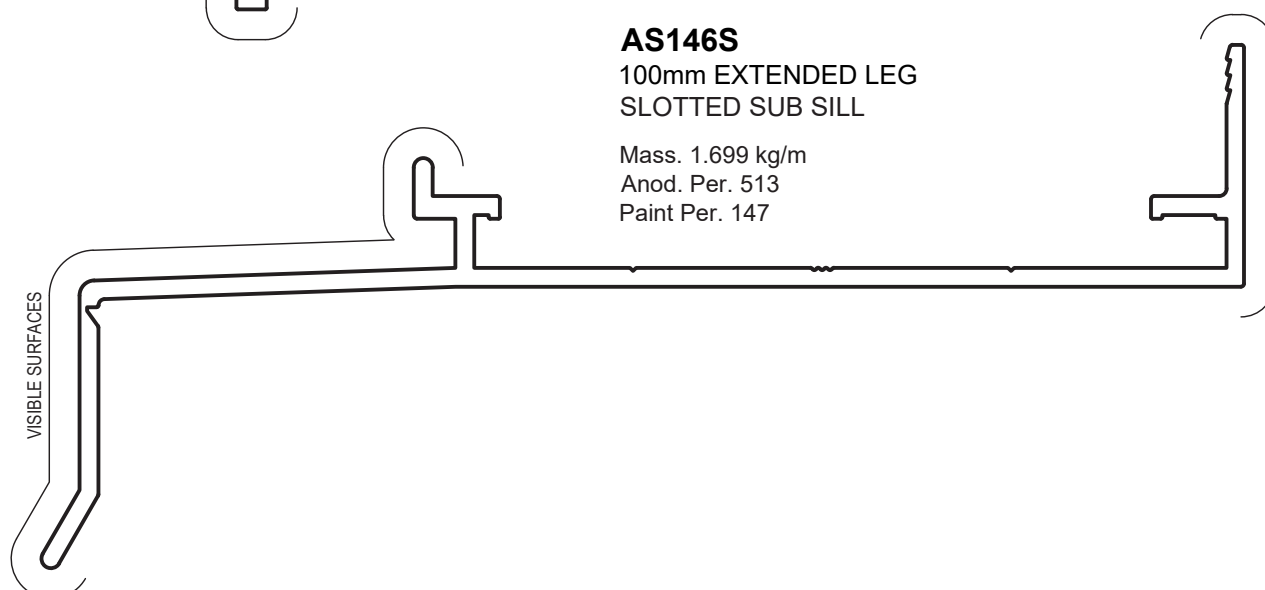
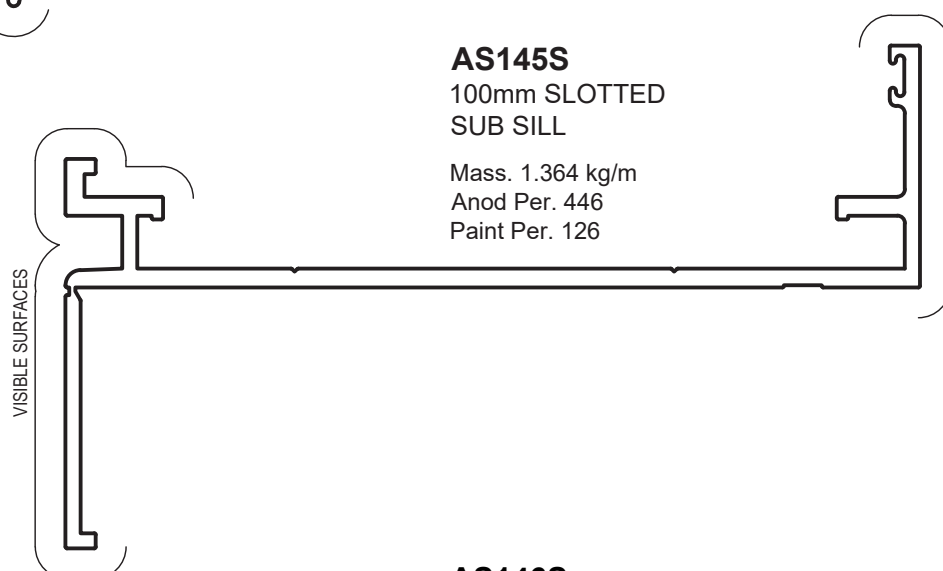
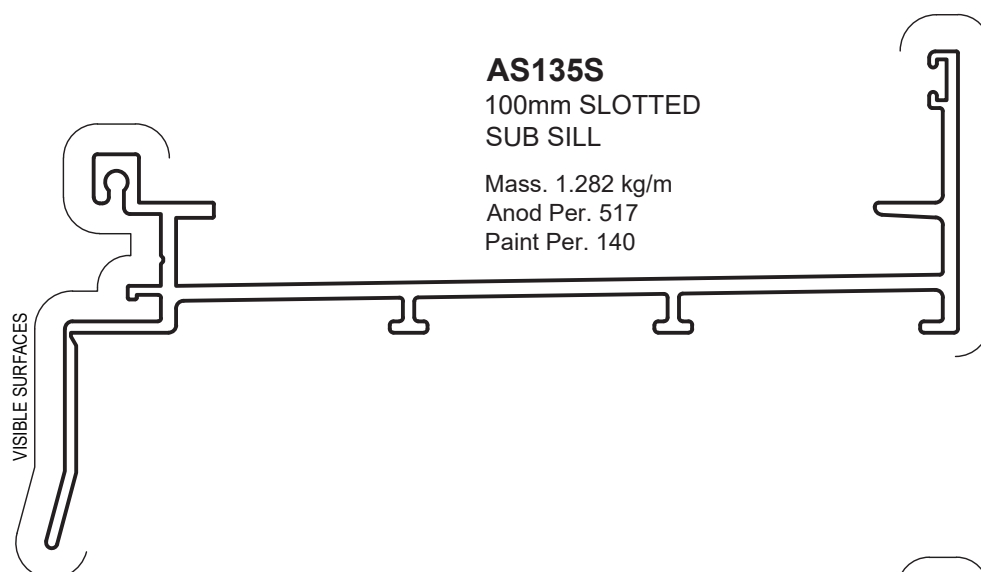
Mass. 1.180 kg/m

Anod Per. 484

Paint Per. 100

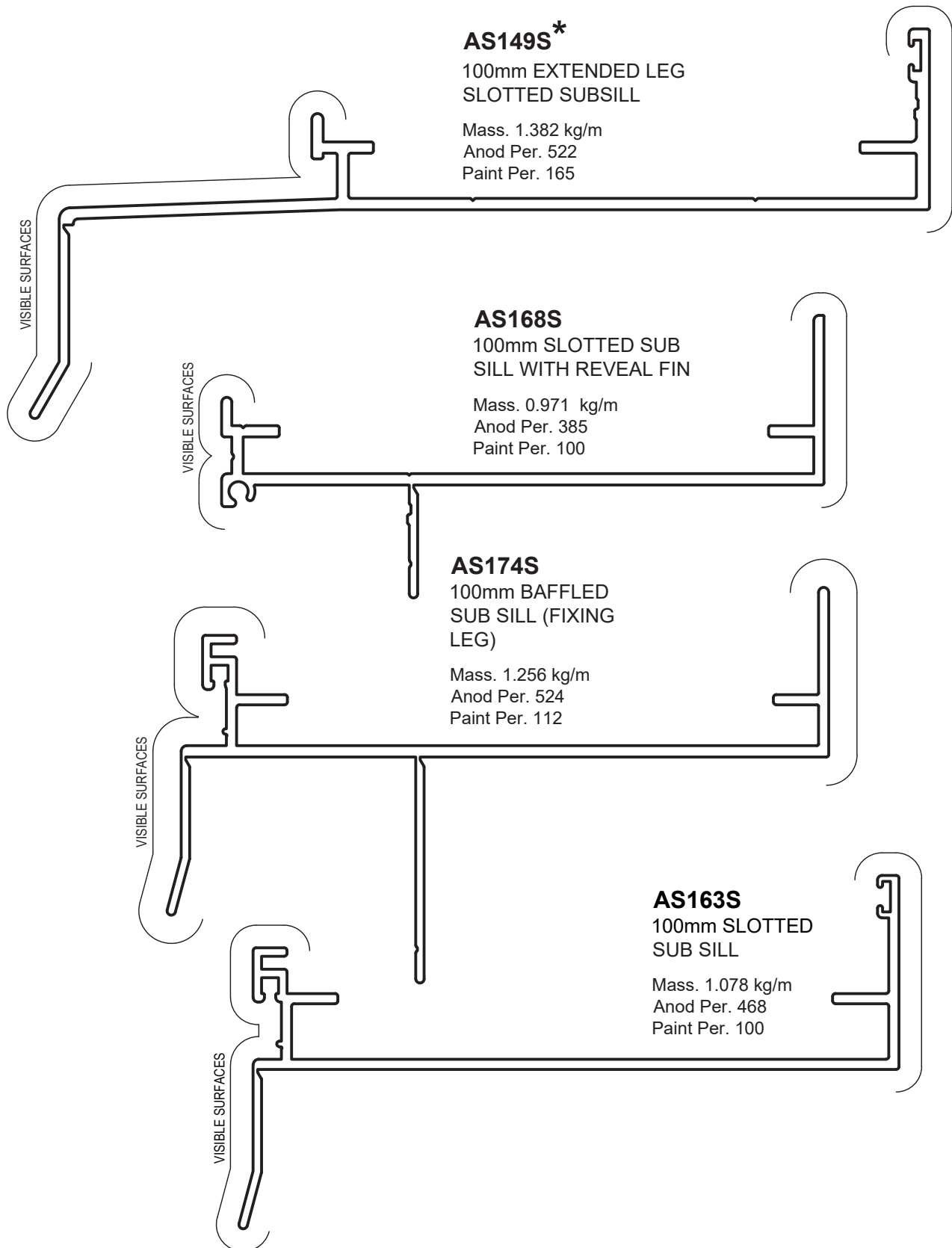
5. Extrusions

101.6mm Framing



5. Extrusions

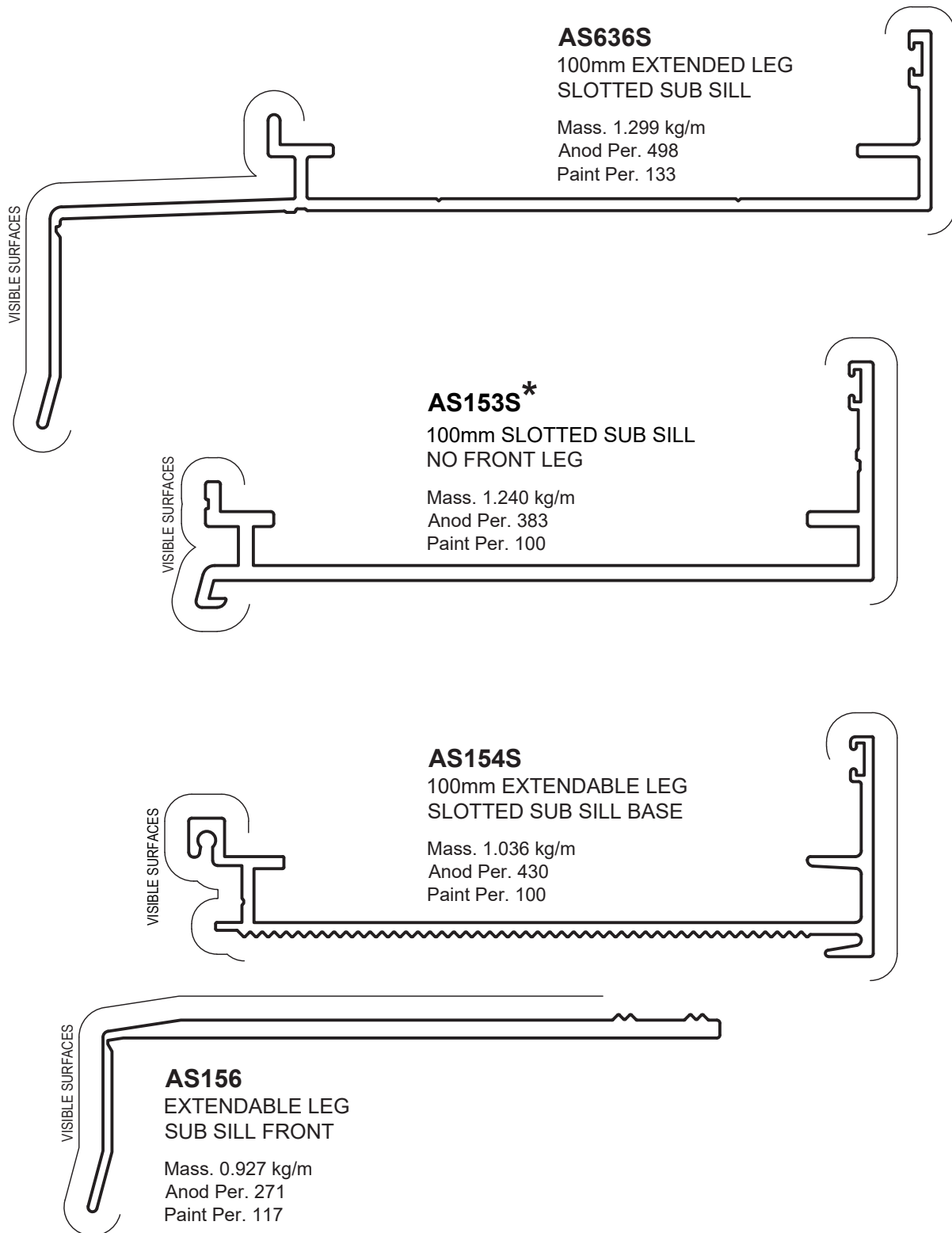
101.6mm Framing



NOTE: * REFERS TO NON STOCK ITEM
CHECK WITH YOUR NEAREST ALSPEC BRANCH FOR AVAILABILITY

5. Extrusions

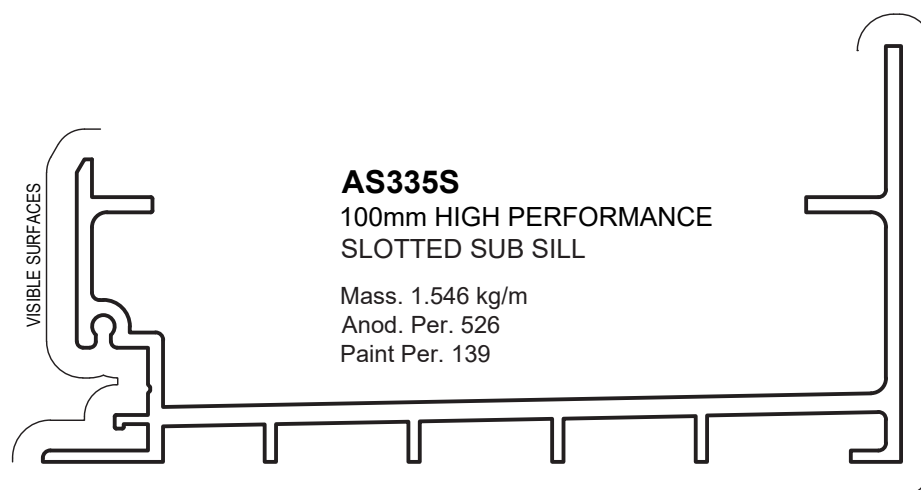
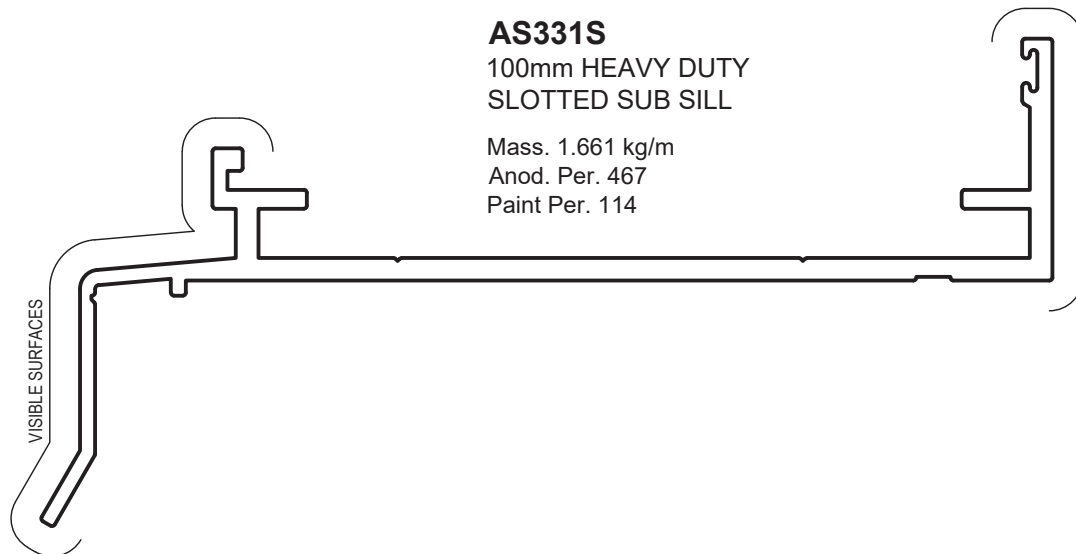
101.6mm Framing



NOTE: * REFERS TO NON STOCK ITEM
CHECK WITH YOUR NEAREST ALSPEC BRANCH FOR AVAILABILITY

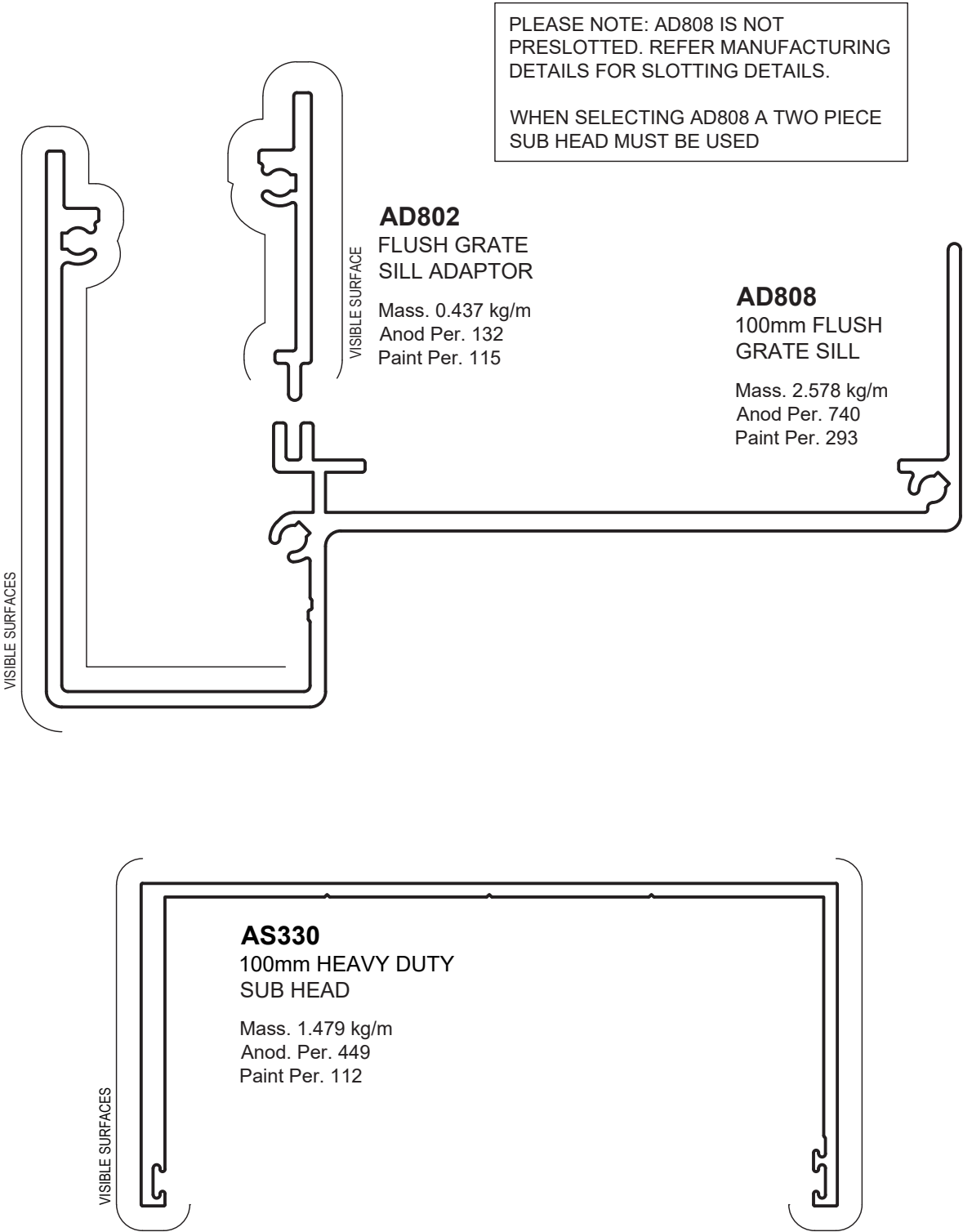
5. Extrusions

101.6mm Framing



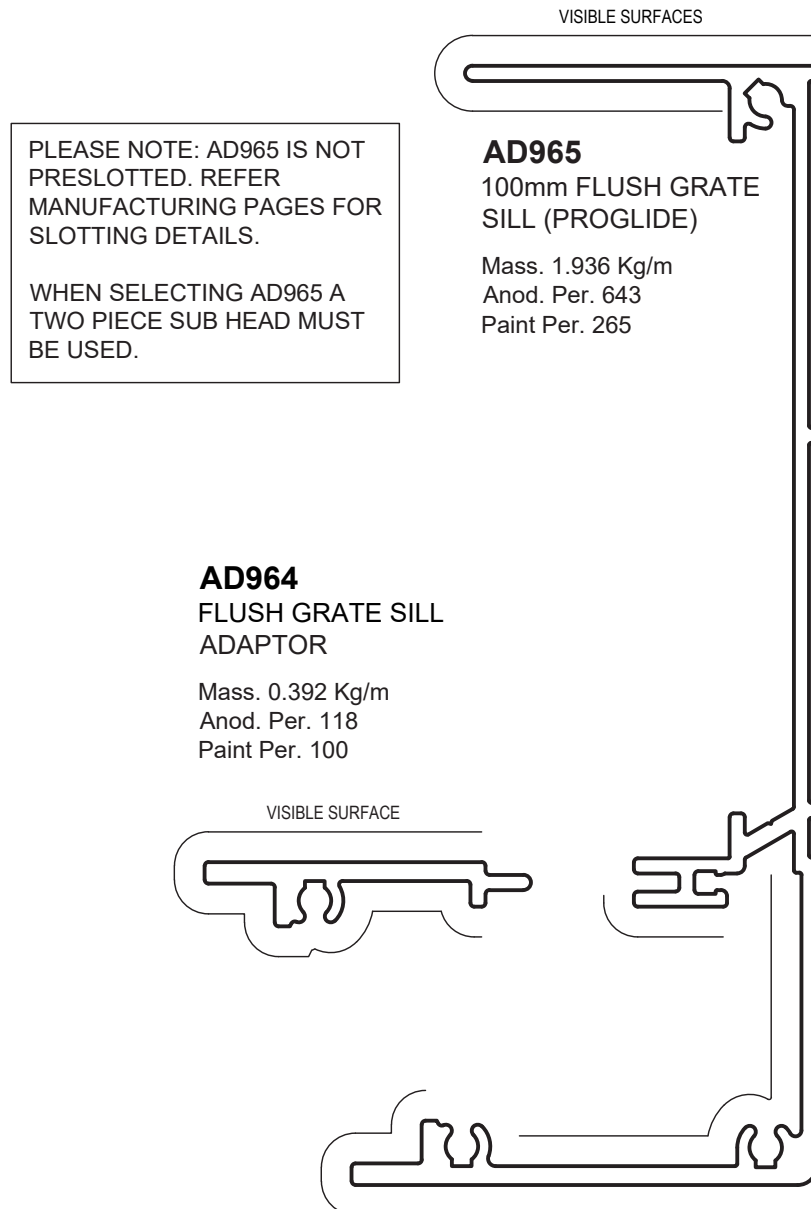
5. Extrusions

101.6mm Framing



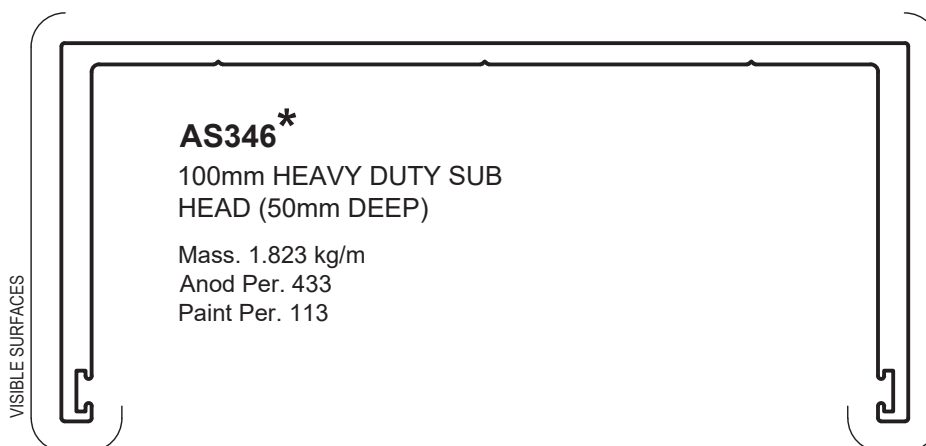
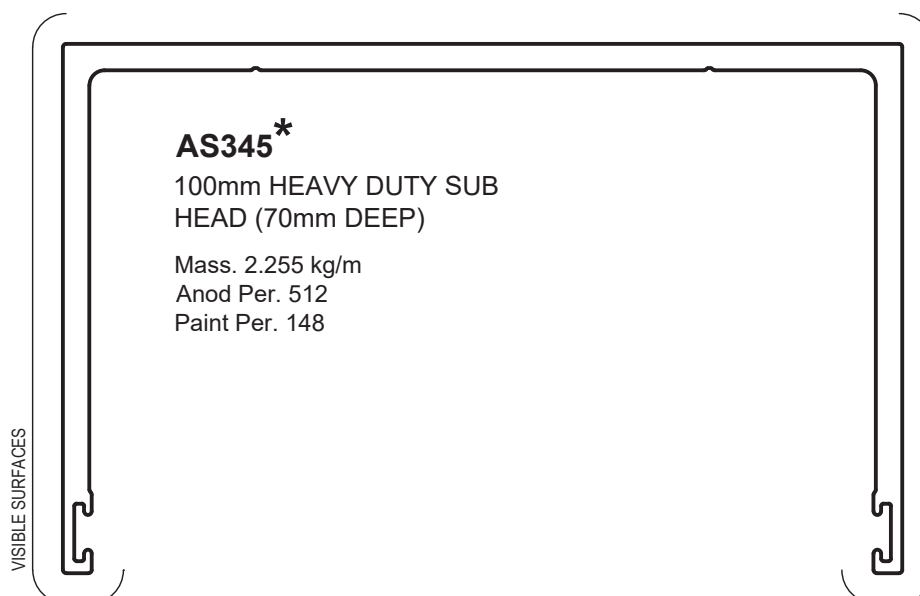
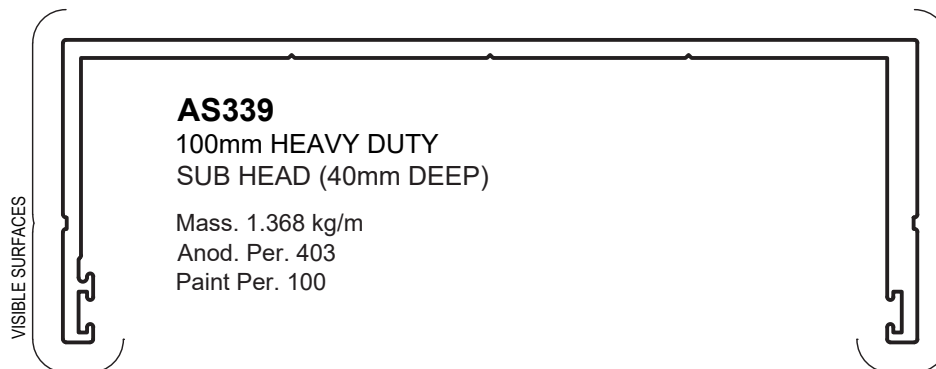
5. Extrusions

101.6mm Framing



5. Extrusions

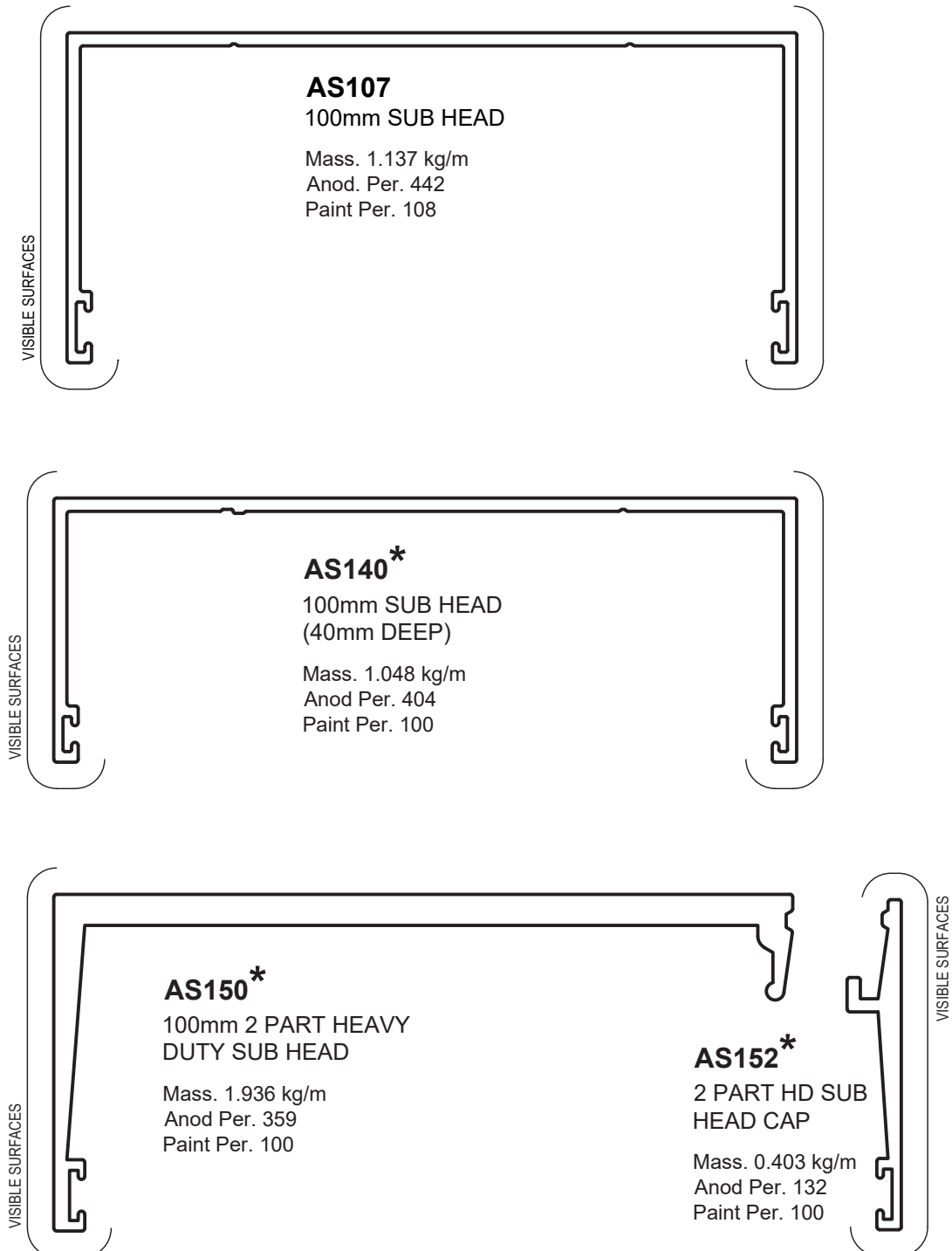
101.6mm Framing



NOTE: * REFERS TO NON STOCK ITEM
CHECK WITH YOUR NEAREST ALSPEC BRANCH FOR AVAILABILITY

5. Extrusions

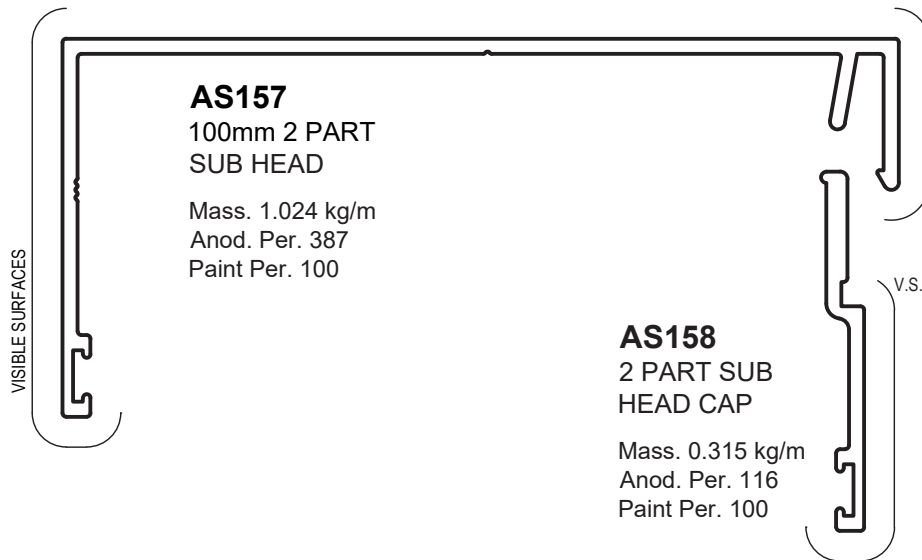
101.6mm Framing



NOTE: * REFERS TO NON STOCK ITEM
CHECK WITH YOUR NEAREST ALSPEC BRANCH FOR AVAILABILITY

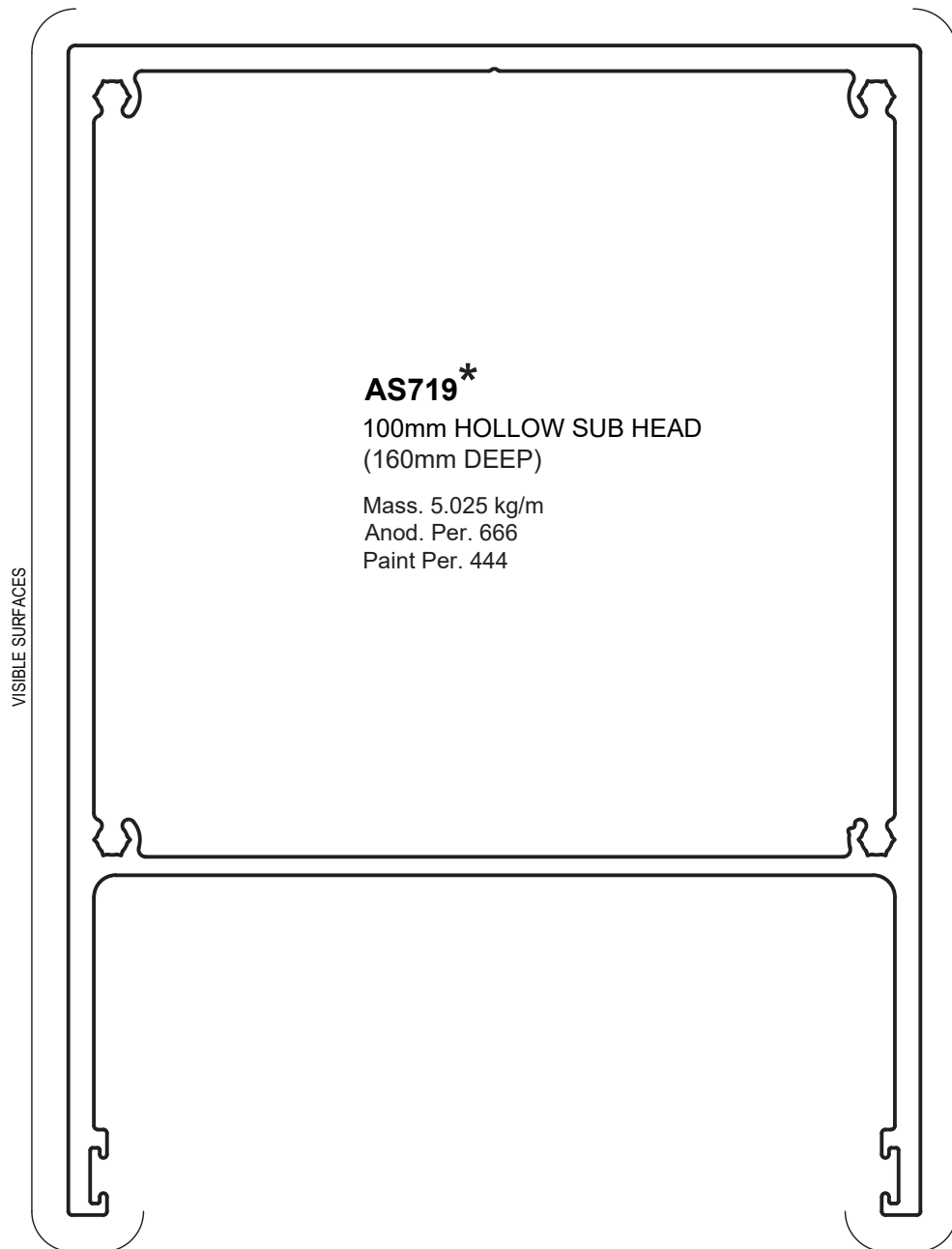
5. Extrusions

101.6mm Framing



5. Extrusions

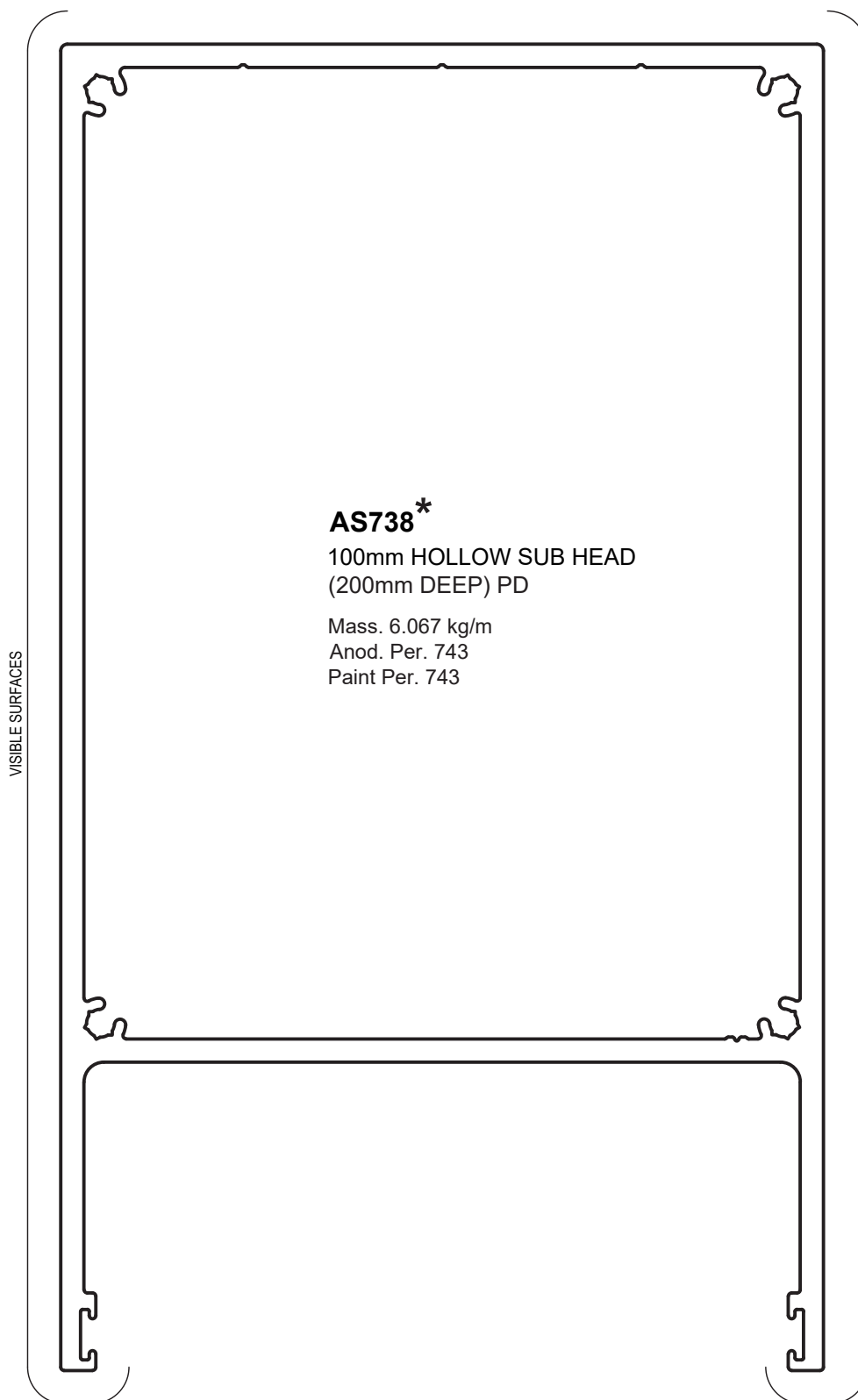
101.6mm Framing



NOTE: * REFERS TO NON STOCK ITEM
CHECK WITH YOUR NEAREST ALSPEC BRANCH FOR AVAILABILITY

5. Extrusions

101.6mm Framing



NOTE: * REFERS TO NON STOCK ITEM
CHECK WITH YOUR NEAREST ALSPEC BRANCH FOR AVAILABILITY

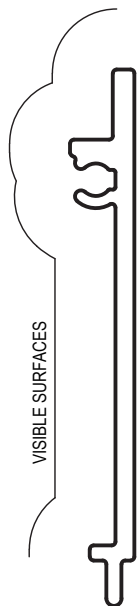
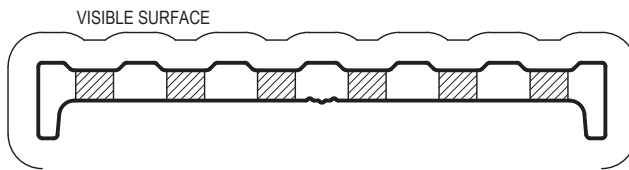
5. Extrusions

101.6mm Framing

ASGR75S

75mm SLOTTED GRATE
THRESHOLD

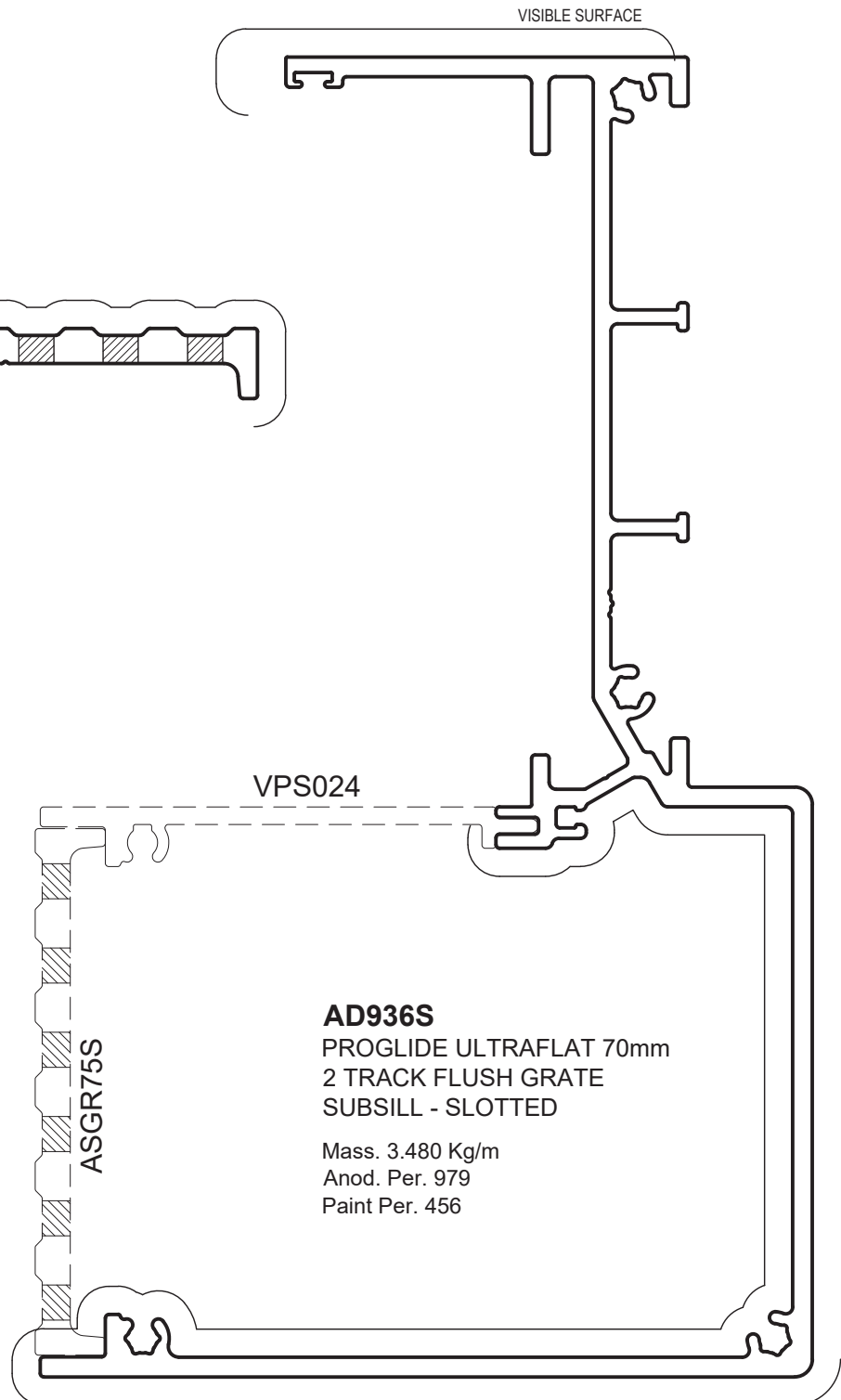
Mass. 0.974 Kg/m
Anod. Per. 182
Paint Per. 100



VPS024

FLUSH GRATE SILL
ADAPTOR

Mass. 0.579 Kg/m
Anod. Per. 172
Paint Per. 100



AD936S

PROGLIDE ULTRAFLAT 70mm
2 TRACK FLUSH GRATE
SUBSILL - SLOTTED

Mass. 3.480 Kg/m
Anod. Per. 979
Paint Per. 456

5. Extrusions

101.6mm Framing

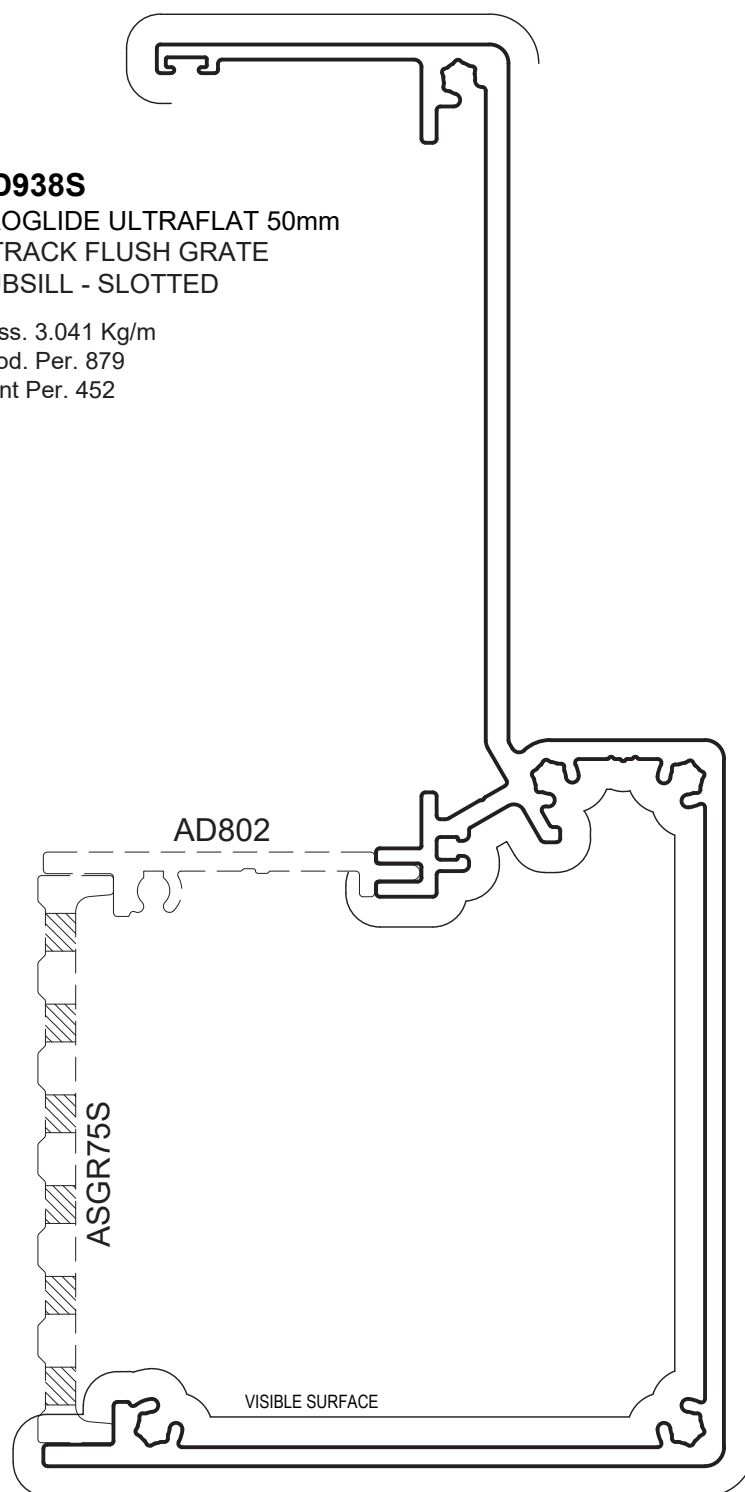
AD938S

PROGLIDE ULTRAFLAT 50mm
2 TRACK FLUSH GRATE
SUBSILL - SLOTTED

Mass. 3.041 Kg/m

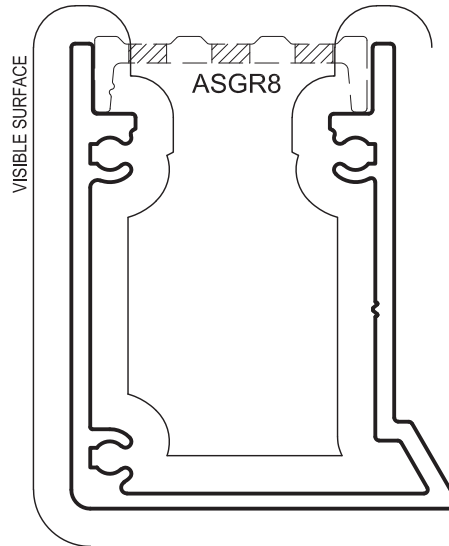
Anod. Per. 879

Paint Per. 452



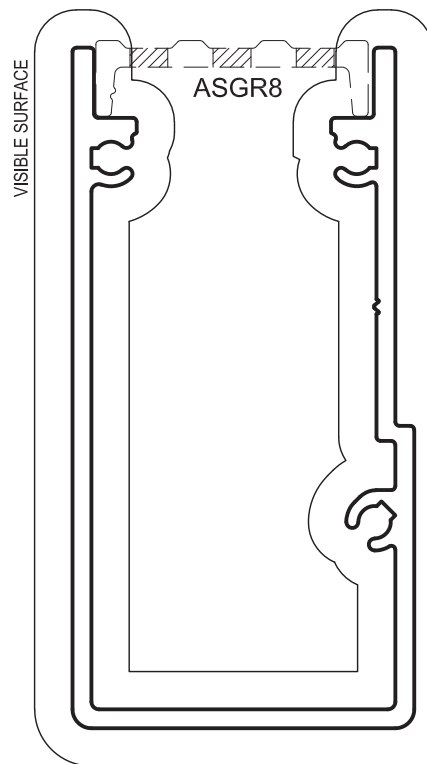
5. Extrusions

Flush Grate Drain Extensions



AD971
FLUSH GRATE DRAIN
EXTENSION TO SUIT
AD965 & AD966

Mass. 1.352 Kg/m
Anod. Per. 404
Paint Per. 245

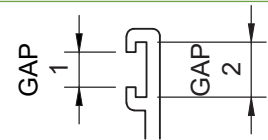


AD972
FLUSH GRATE DRAIN
EXTENSION TO SUIT
AD808 & AD809

Mass. 1.742 Kg/m
Anod. Per. 511
Paint Per. 340

5. Extrusions

101.6mm Framing Seal Selection Chart

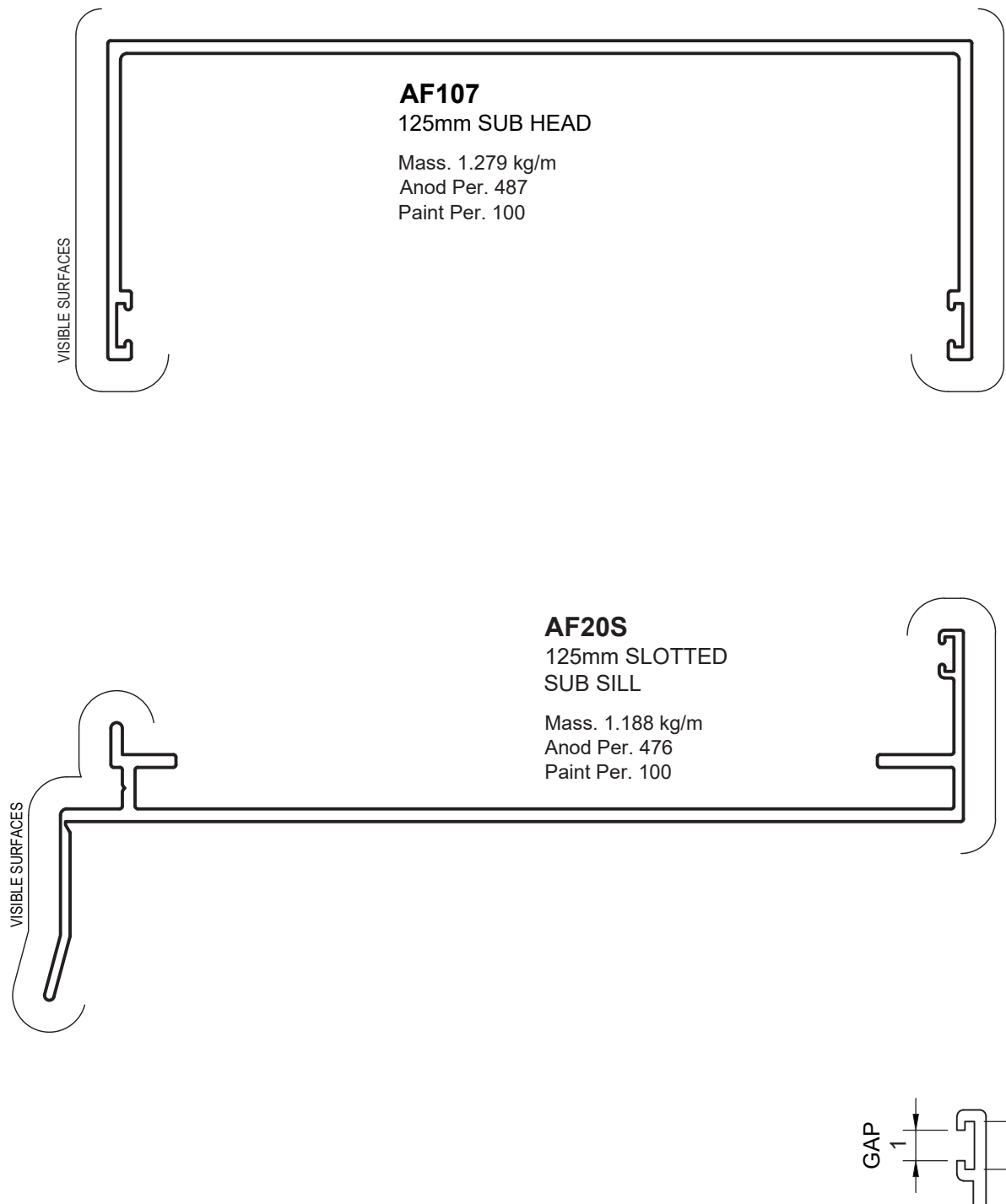


SEAL SELECTION CHART							
SECTION	DESCRIPTION	GAP 1	GAP 2	SEAL TO SUIT	ALSPEC CODE	SILL BAFFLE	ALSPEC CODE
AD936S	2 TRACK FLUSH GRATE SUB SILL (70mm DEEP)	3.2	5.4	WS48	1376848	CE12	1376342
AD938S	2 TRACK FLUSH GRATE SUB SILL (50mm DEEP)	3.2	5.4	WS48	1376848	CE12	1376342
AD965	100mm FLUSH GRATE SILL	-	-	-	-	CE48	1376359
AS106S	100mm EXT. LEG SLOTTED SUB SILL	3.2	5.4	WS48	1376848	-	-
AS107	100mm SUB HEAD	4.8	7.6	PB69-550-4P	1377147	-	-
AS135S	100mm SLOTTED SUB SILL	3.2	5.4	WS48	1376848	CE12	1376342
AS140 *	100mm SUB HEAD (40mm DEEP)	2.5	5.3	WS48	1376848	-	-
AS145S	100mm SLOTTED SUB SILL	3.2	5.4	WS48	1376848	-	-
AS149S *	100mm EXT. LEG SLOTTED SUB SILL	3.2	5.4	WS48	1376848	-	-
AS150 *	100mm 2 PART HEAVY DUTY SUB HEAD	4.8	7.6	WS69	1376869	-	-
AS152 *	2 PART HEAVY DUTY SUB HEAD CAP	4.8	7.6	WS69	1376869	-	-
AS153S *	100mm SLOTTED SUB SILL NO FRONT LEG	3.2	5.4	WS48	1376848	-	-
AS154S	100mm EXT. LEG SLOTTED SUB SILL BASE	3.2	5.4	WS48	1376848	CE12	1376342
AS157	100mm 2 PART SUB HEAD	4.8	6.8	WS69	1376869	-	-
AS158	2 PART SUB HEAD CAP	4.8	6.8	WS69	1376869	-	-
AS159	100mm SUB HEAD (115mm DEEP)	4.8	7.6	WS69	1376869	-	-
AS163S	100mm SLOTTED SUB SILL	3.2	5.4	WS48	1376848	CE48	1376359
AS168S	100mm SLOTTED SUB SILL w. REVEAL FIN	-	-	-	-	-	1313110
AS174S	100mm BAFFLED SUB SILL (FIXING LEG)	-	-	-	-	CE48	1376359
AS330	100mm HEAVY DUTY SUB HEAD	3.2	5.4	WS48	1376848	-	-
AS331S	100mm HEAVY DUTY SUB SILL	3.2	5.4	WS48	1376848	-	-
AS332S	100mm HIGH RATING SUB SILL	3.2	5.4	WS48	1376848	CE12	1376342
AS335S	100mm SUPER SUB SILL	-	-	-	-	CE12	1376342
AS339	100mm HEAVY DUTY SUB HEAD (40mm DEEP)	3.2	5.4	WS48	1376848	-	-
AS345 *	100mm HEAVY DUTY SUB HEAD (70mm DEEP)	4.6	7.6	PB69-550-4P	1377147	-	-
AS346 *	100mm HEAVY DUTY SUB HEAD (50mm DEEP)	3.2	5.4	PB48-550-3P	1377259	-	-
AS636S	100mm EXT. LEG SLOTTED SUB SILL	3.2	5.4	WS48	1376848	-	-
AS719 *	100mm HOLLOW SUB HEAD (160mm DEEP)	4.8	7.6	WS69	1376869	-	-
AS738 *	100mm HOLLOW SUB HEAD (200mm DEEP) PD	4.8	7.6	WS69	1376869	-	-

NOTE: * REFERS TO NON STOCK ITEM - CHECK WITH YOUR NEAREST ALSPEC BRANCH FOR AVAILABILITY

5. Extrusions

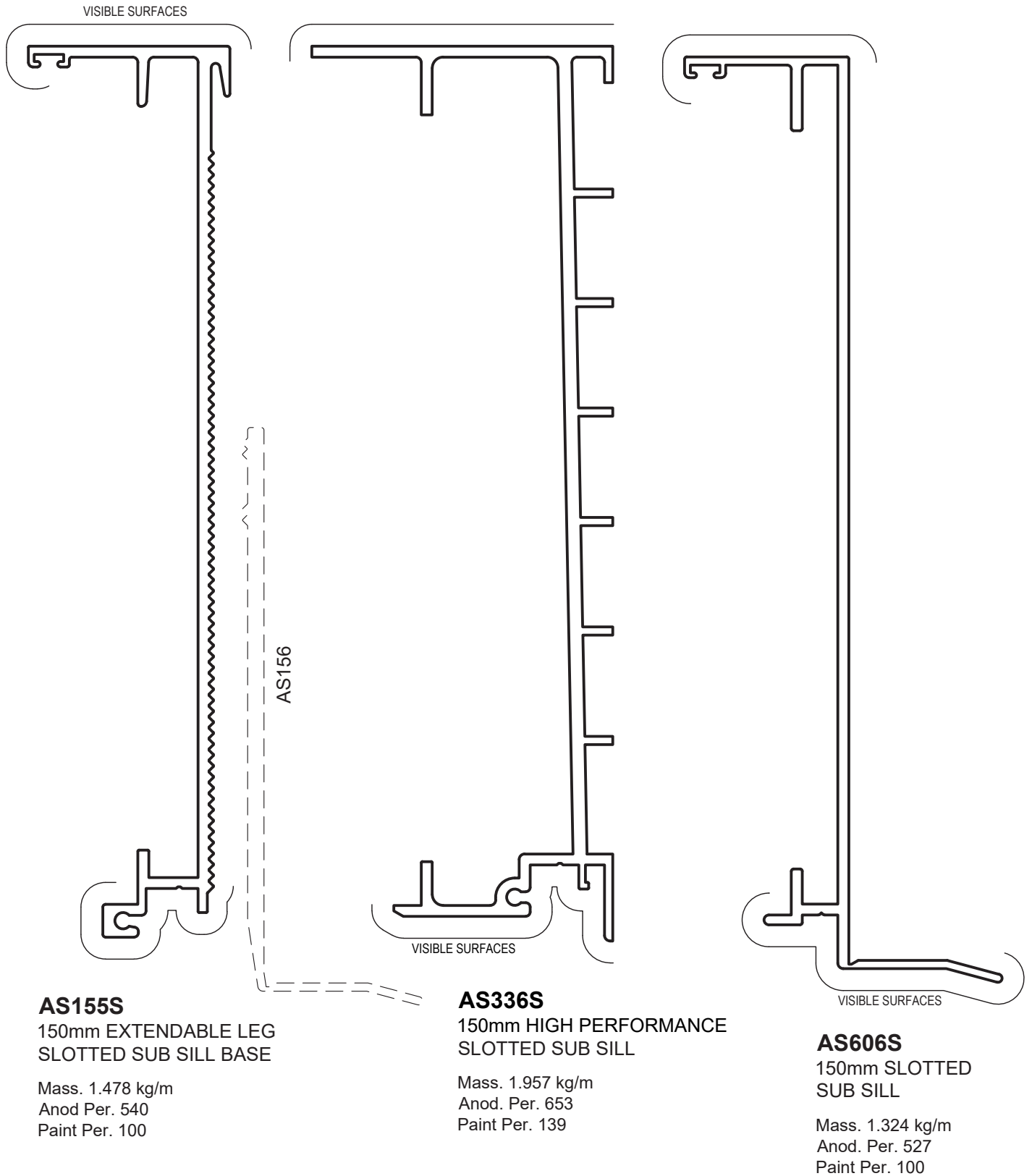
125mm Framing & Seal Selection Chart



SEAL SELECTION CHART							
SECTION	DESCRIPTION	GAP 1	GAP 2	SEAL TO SUIT	ALSPEC CODE	SILL BAFFLE	ALSPEC CODE
AF20S	125mm SLOTTED SUB SILL	3.2	5.4	PB48-550-3P	1377259	-	-
AF107	125mm SUB HEAD	4.8	6.8	PB69-550-4P	1377147	-	-

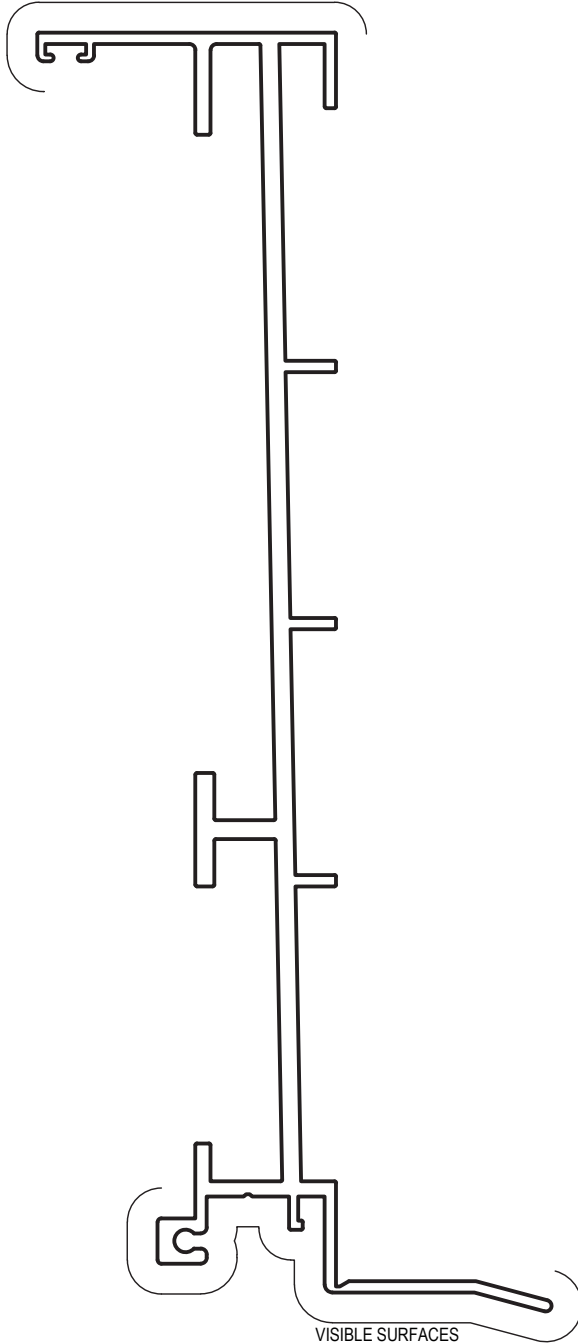
5. Extrusions

150mm Framing



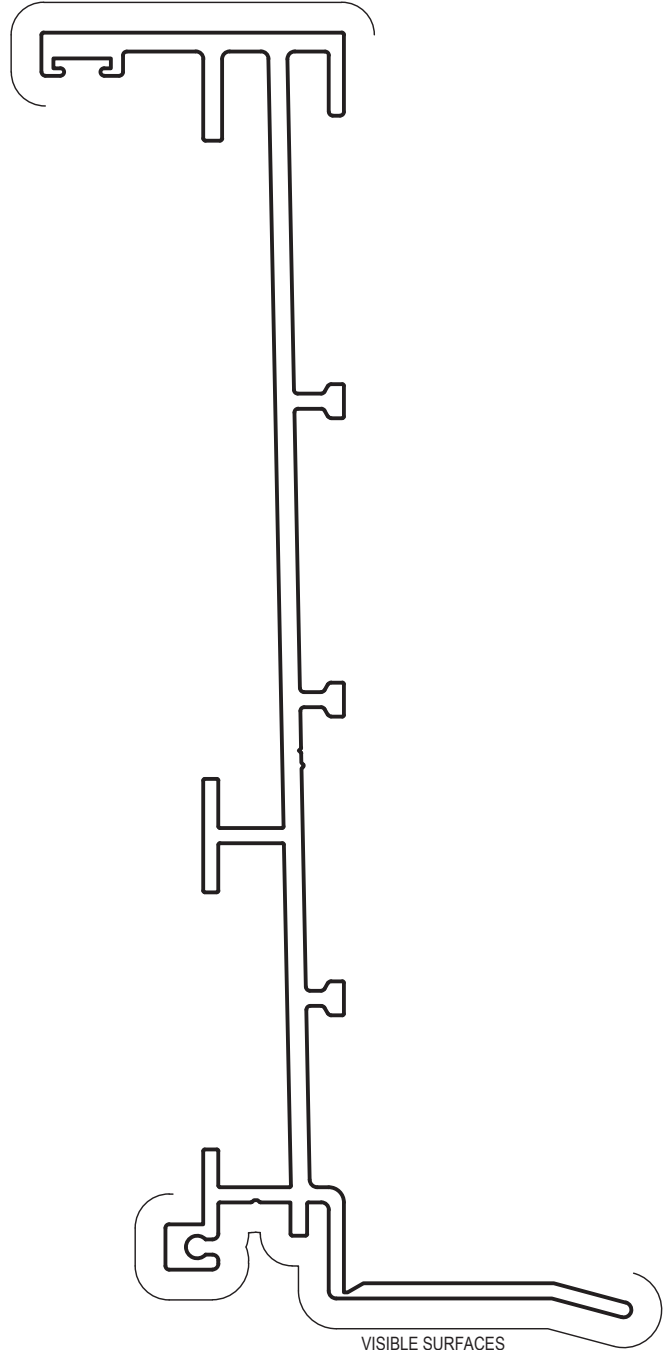
5. Extrusions

150mm Framing



AS632S
150mm HIGH
PERFORMANCE
SLOTTED SUB SILL

Mass. 1.931 kg/m
Anod. Per. 690
Paint Per. 142

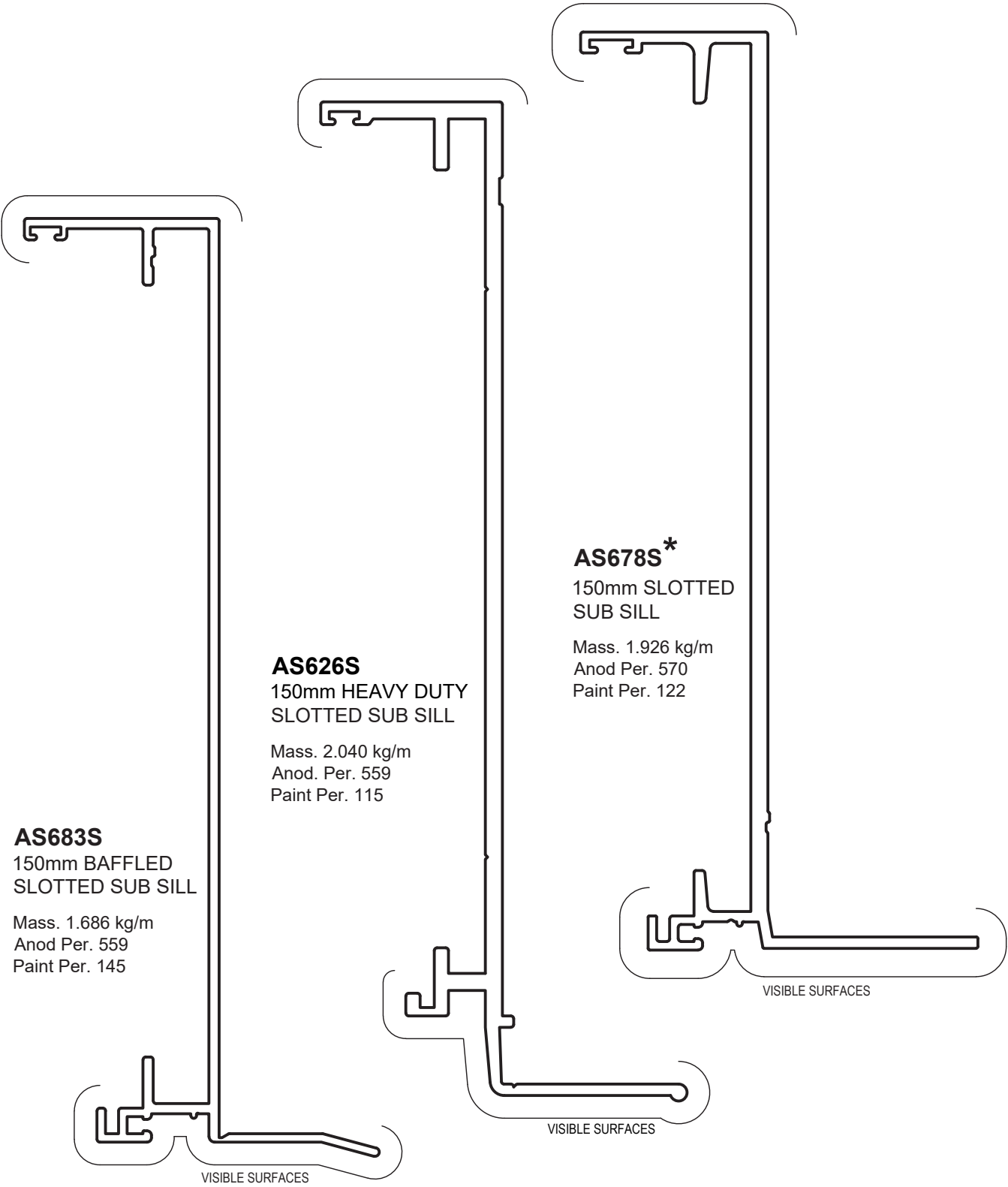


AS672S
150mm HIGH
PERFORMANCE
SLOTTED SUB SILL

Mass. 2.271 kg/m
Anod Per. 720
Paint Per. 155

5. Extrusions

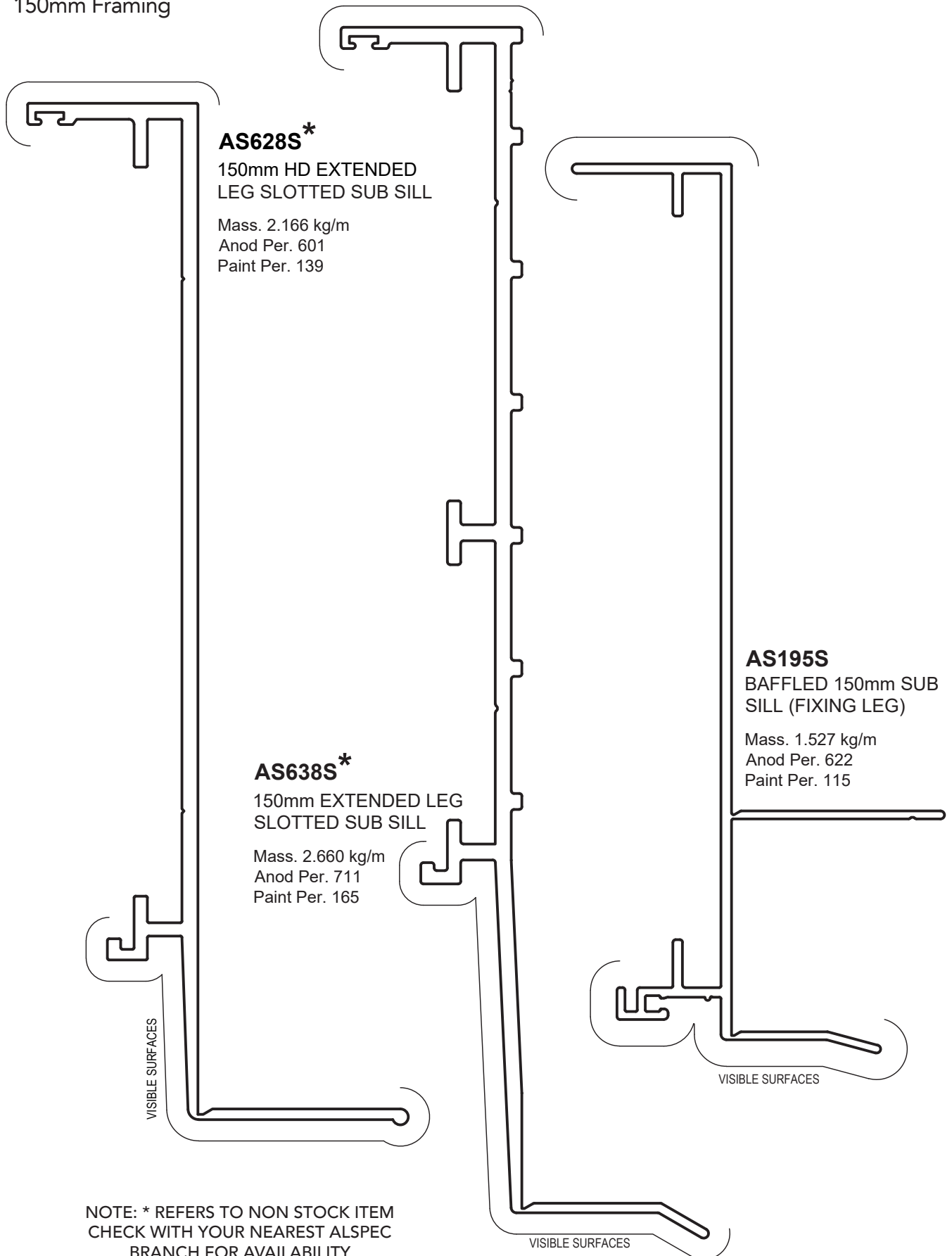
150mm Framing



NOTE: * REFERS TO NON STOCK ITEM
CHECK WITH YOUR NEAREST ALSPEC BRANCH FOR AVAILABILITY

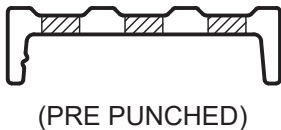
5. Extrusions

150mm Framing



5. Extrusions

150mm Framing



ASGR8
SLOTTED GRATE
THRESHOLD

Mass. 0.364 Kg/m
Anod. Per. 105
Paint Per. 100

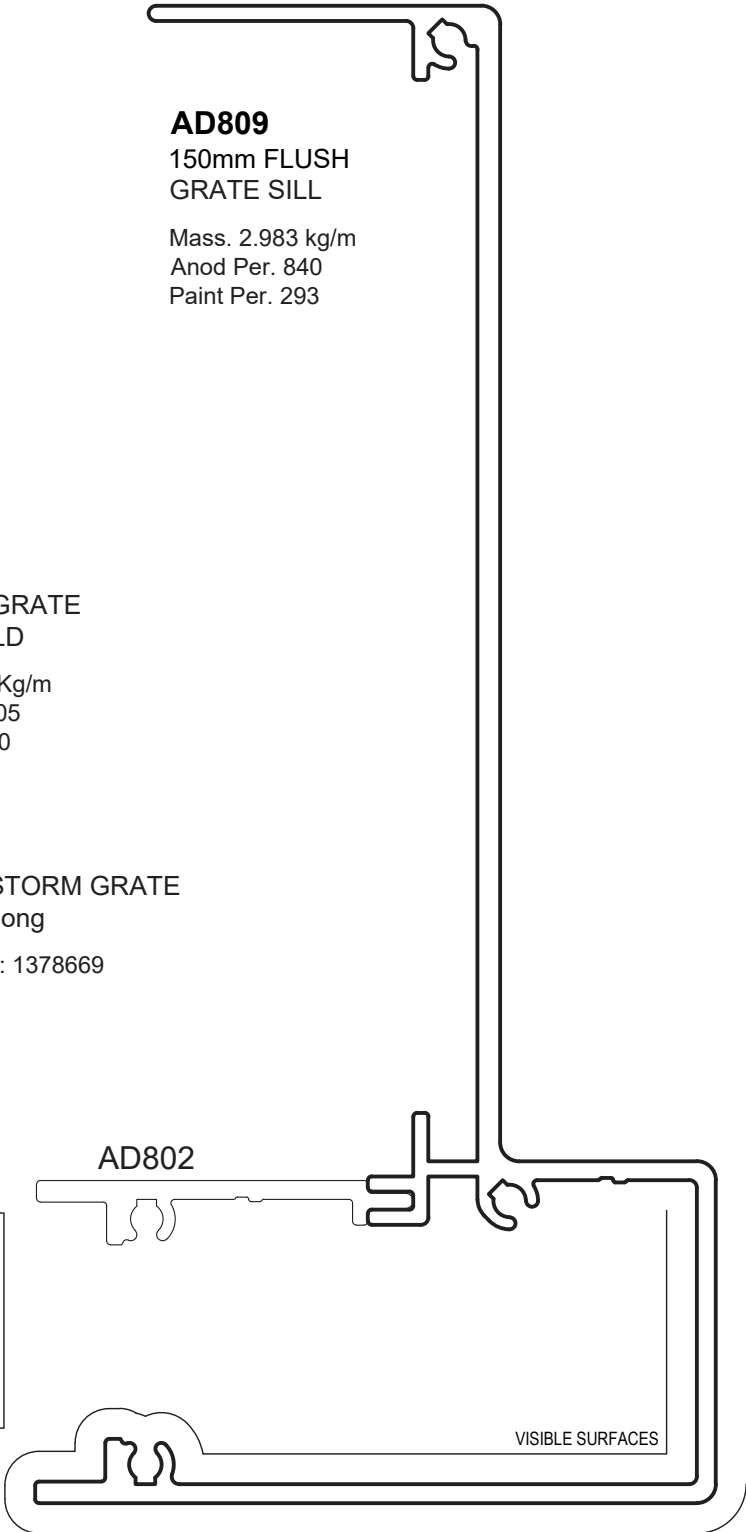


PRG018
36mm SS STORM GRATE
x 1000mm long

Alspec Code: 1378669

AD809
150mm FLUSH
GRATE SILL

Mass. 2.983 kg/m
Anod Per. 840
Paint Per. 293

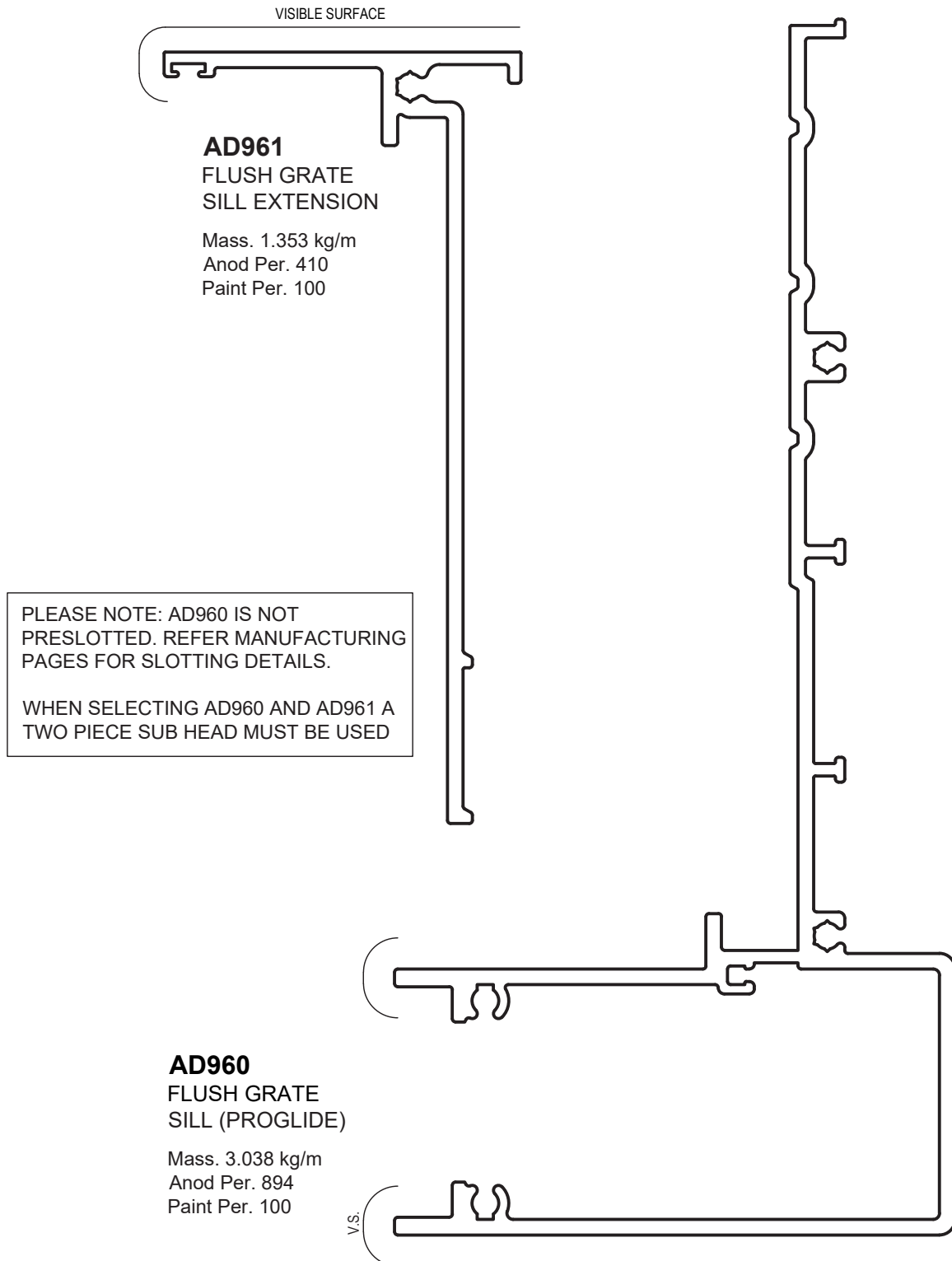


PLEASE NOTE: AD809 IS NOT PRESLOTTED.
REFER MANUFACTURING DETAILS FOR
SLOTTING DETAILS.

WHEN SELECTING AD809 A TWO PIECE SUB
HEAD MUST BE USED

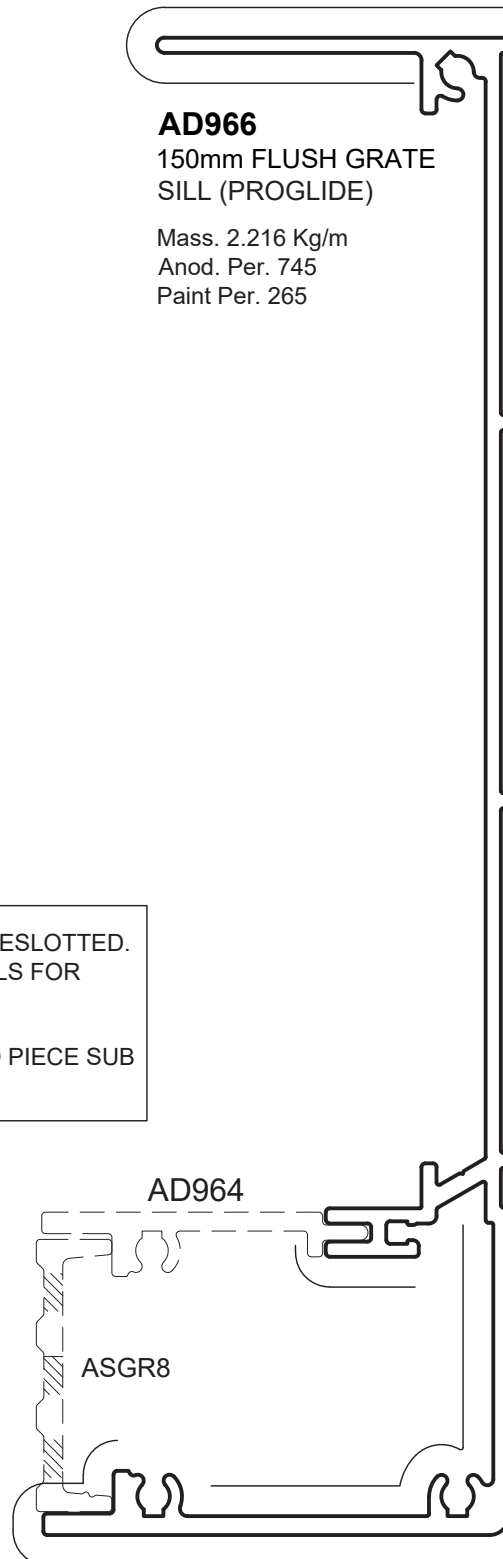
5. Extrusions

150mm Framing



5. Extrusions

150mm Framing

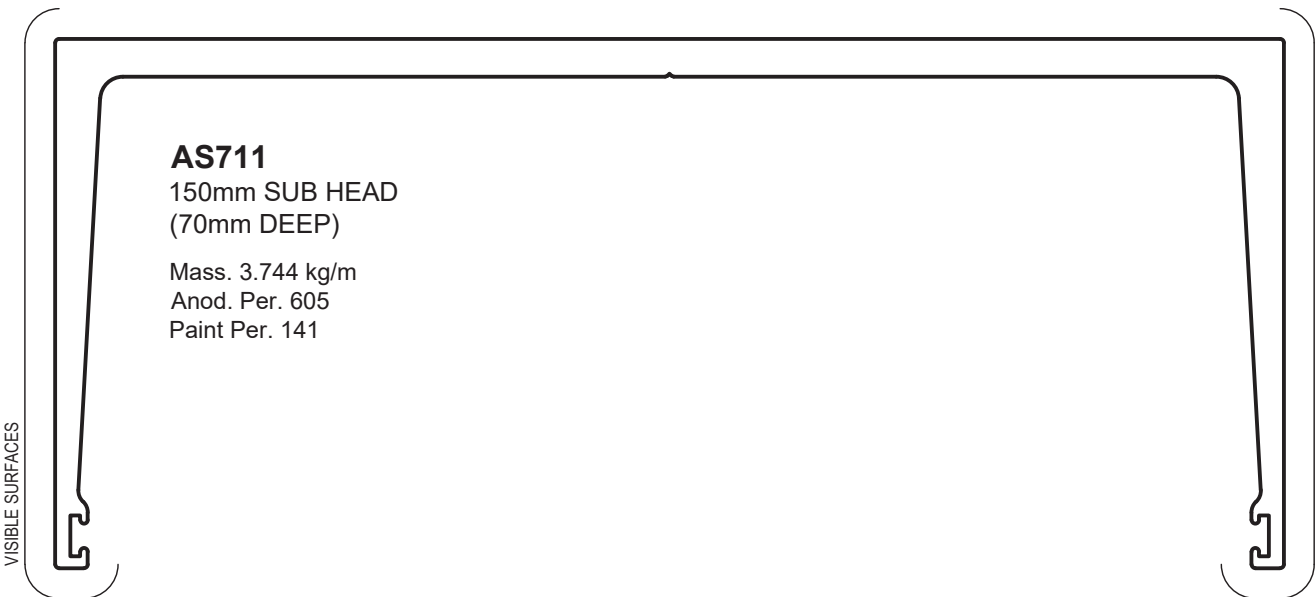
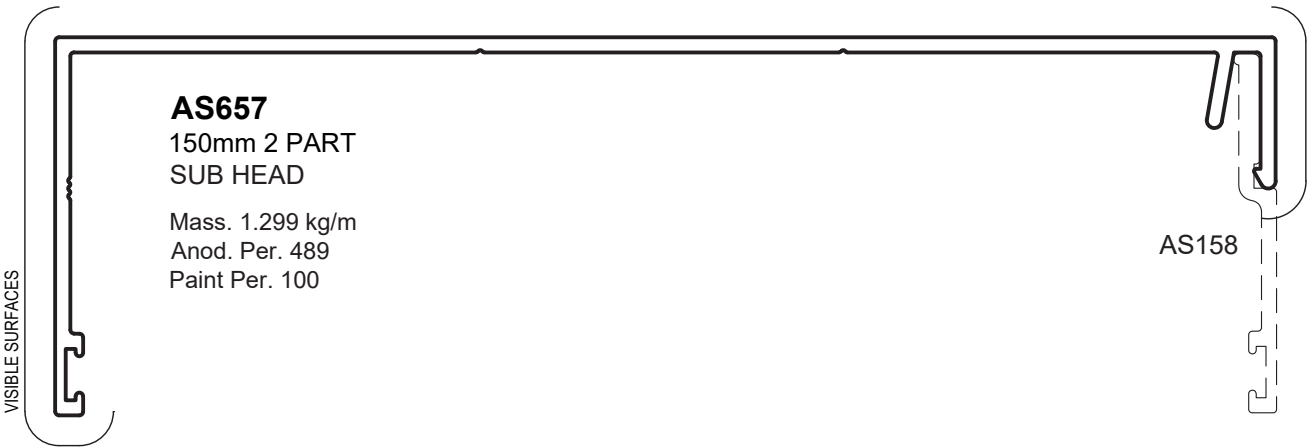
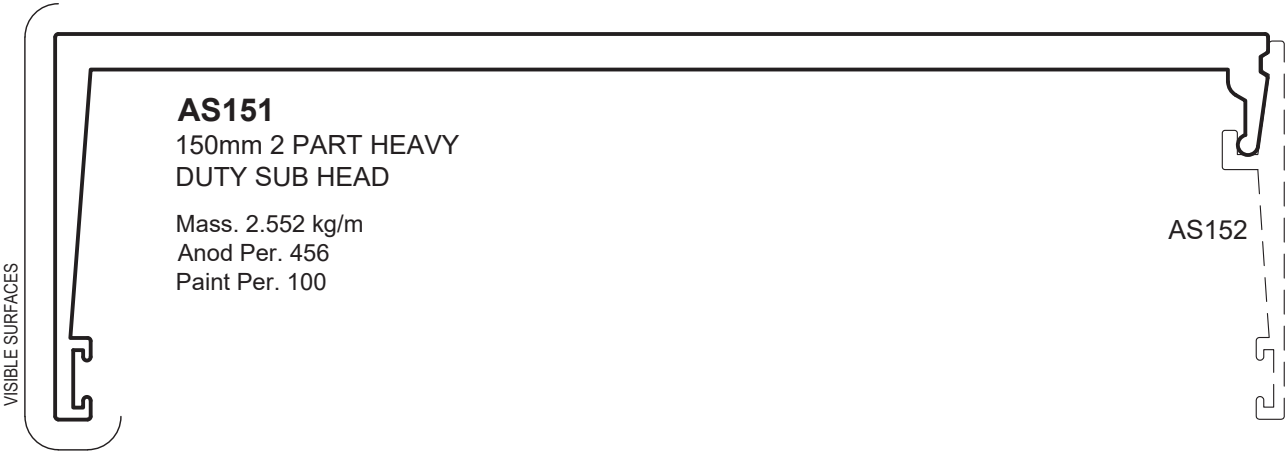


PLEASE NOTE: AD966 IS NOT PRESLOTTED.
REFER MANUFACTURING DETAILS FOR
SLOTING DETAILS.

WHEN SELECTING AD966 A TWO PIECE SUB
HEAD MUST BE USED

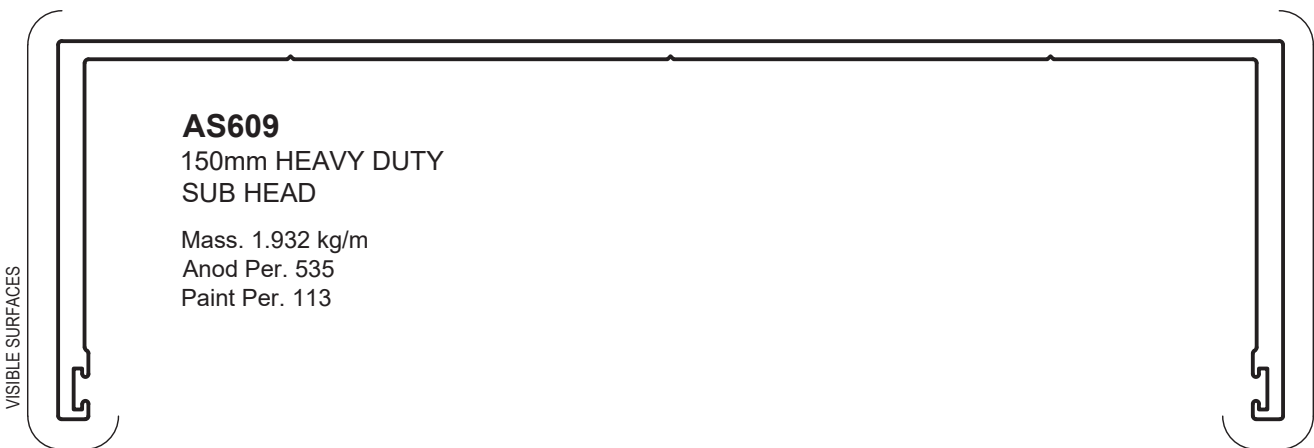
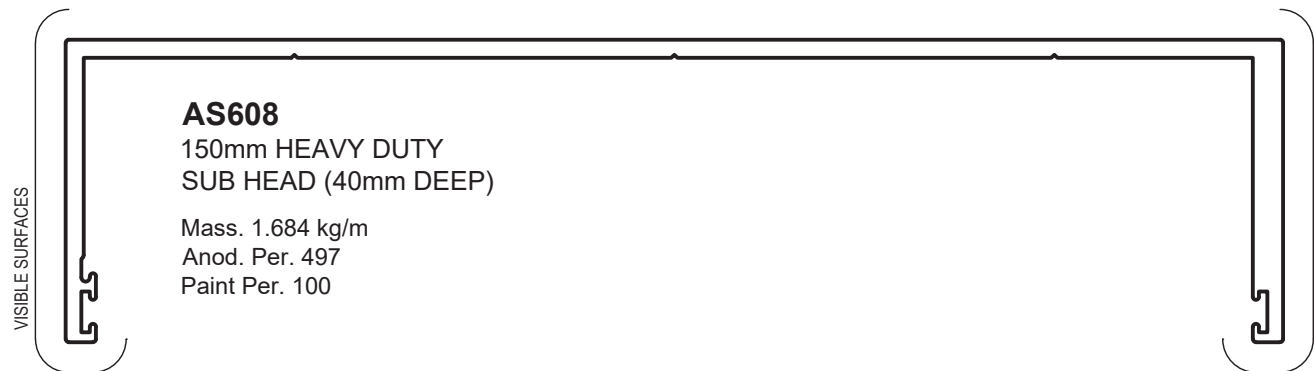
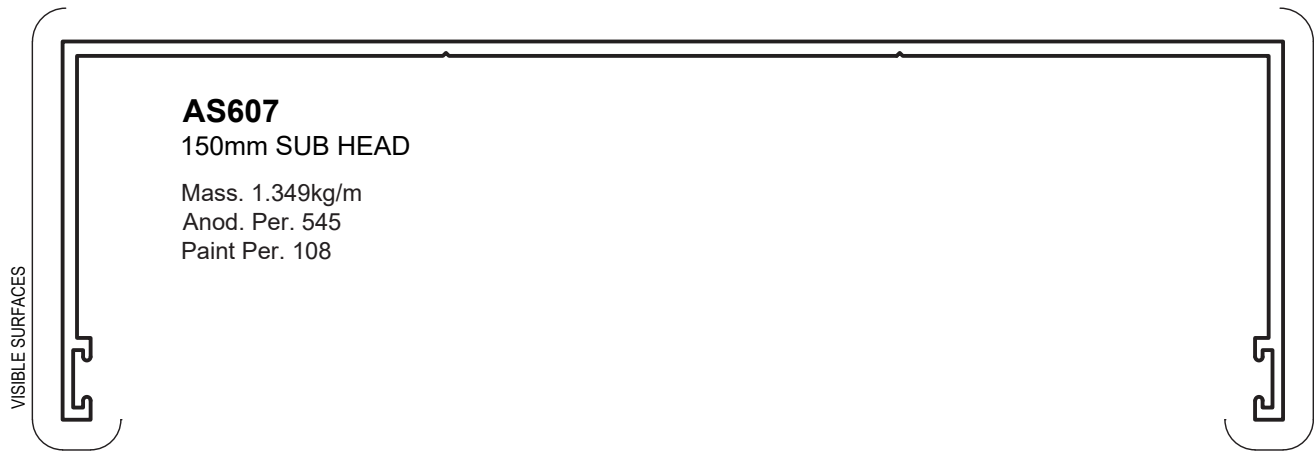
5. Extrusions

150mm Framing



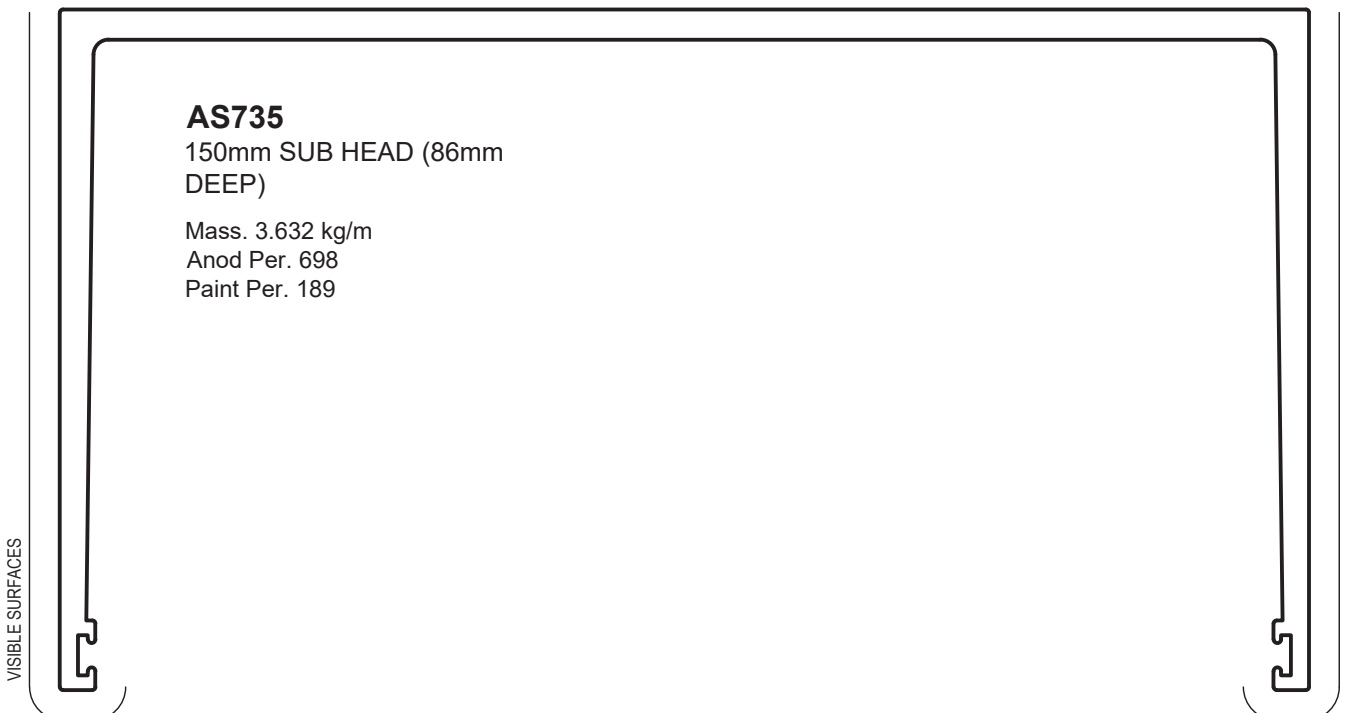
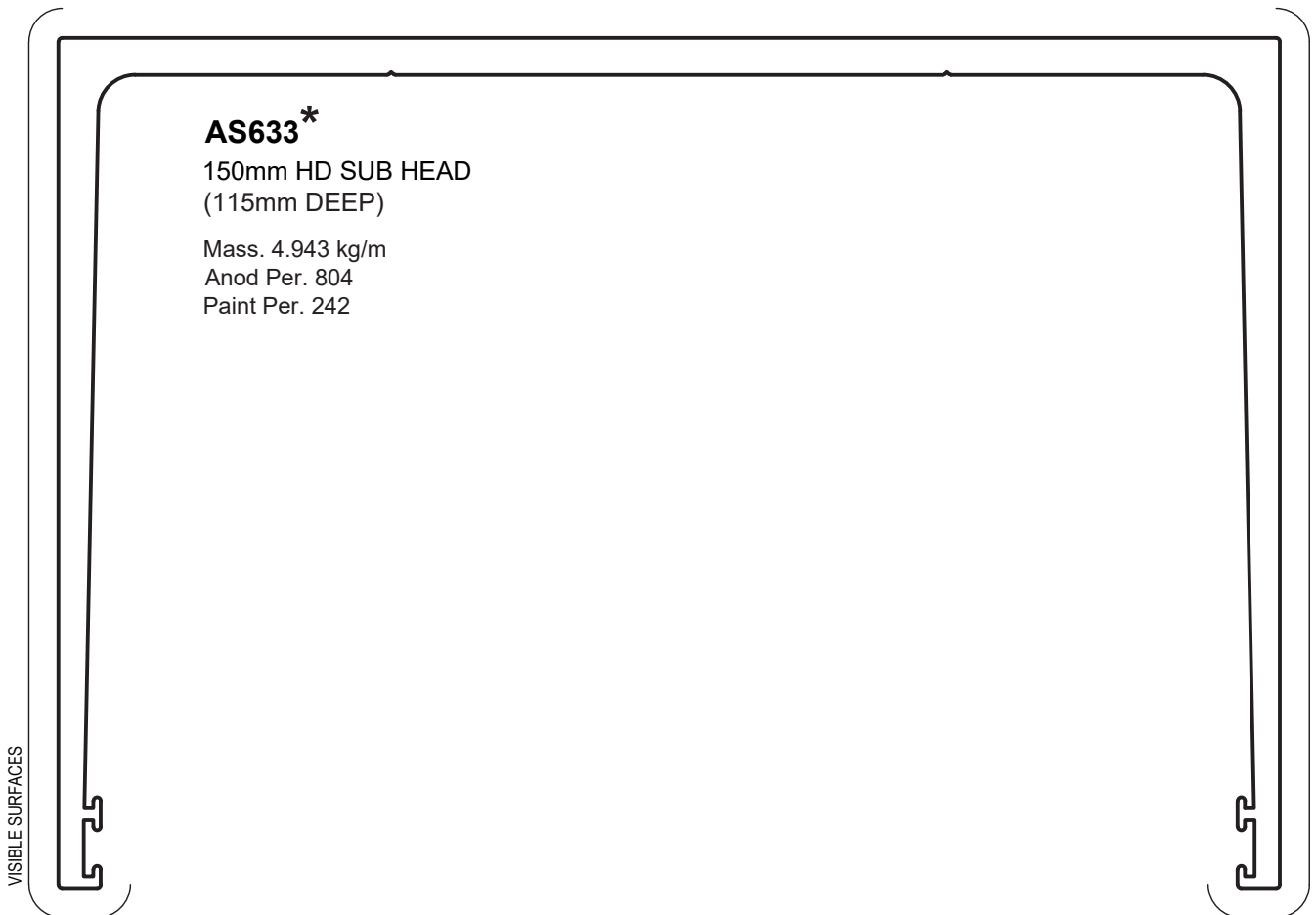
5. Extrusions

150mm Framing



5. Extrusions

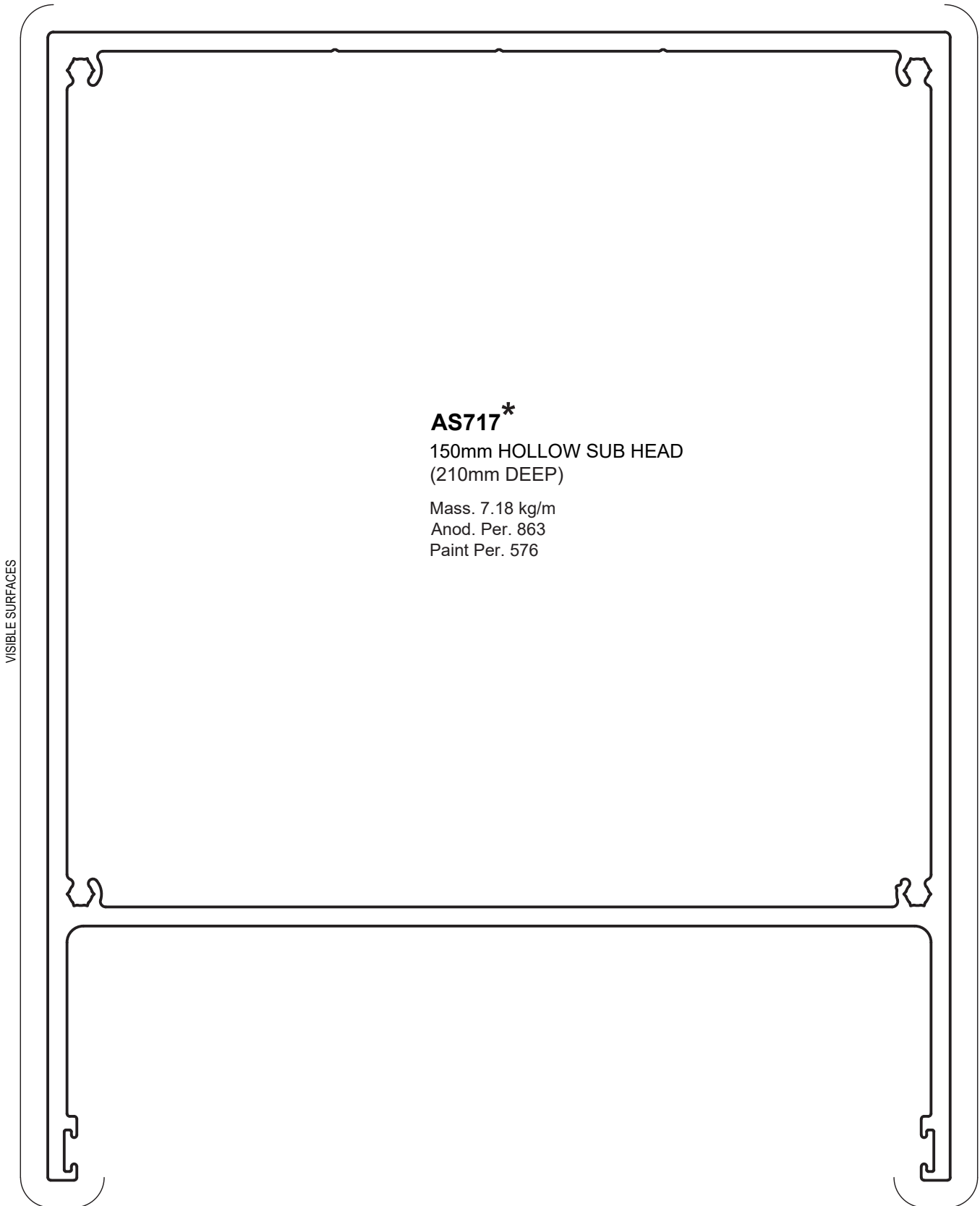
150mm Framing



NOTE: * REFERS TO NON STOCK ITEM
CHECK WITH YOUR NEAREST ALSPEC BRANCH FOR AVAILABILITY

5. Extrusions

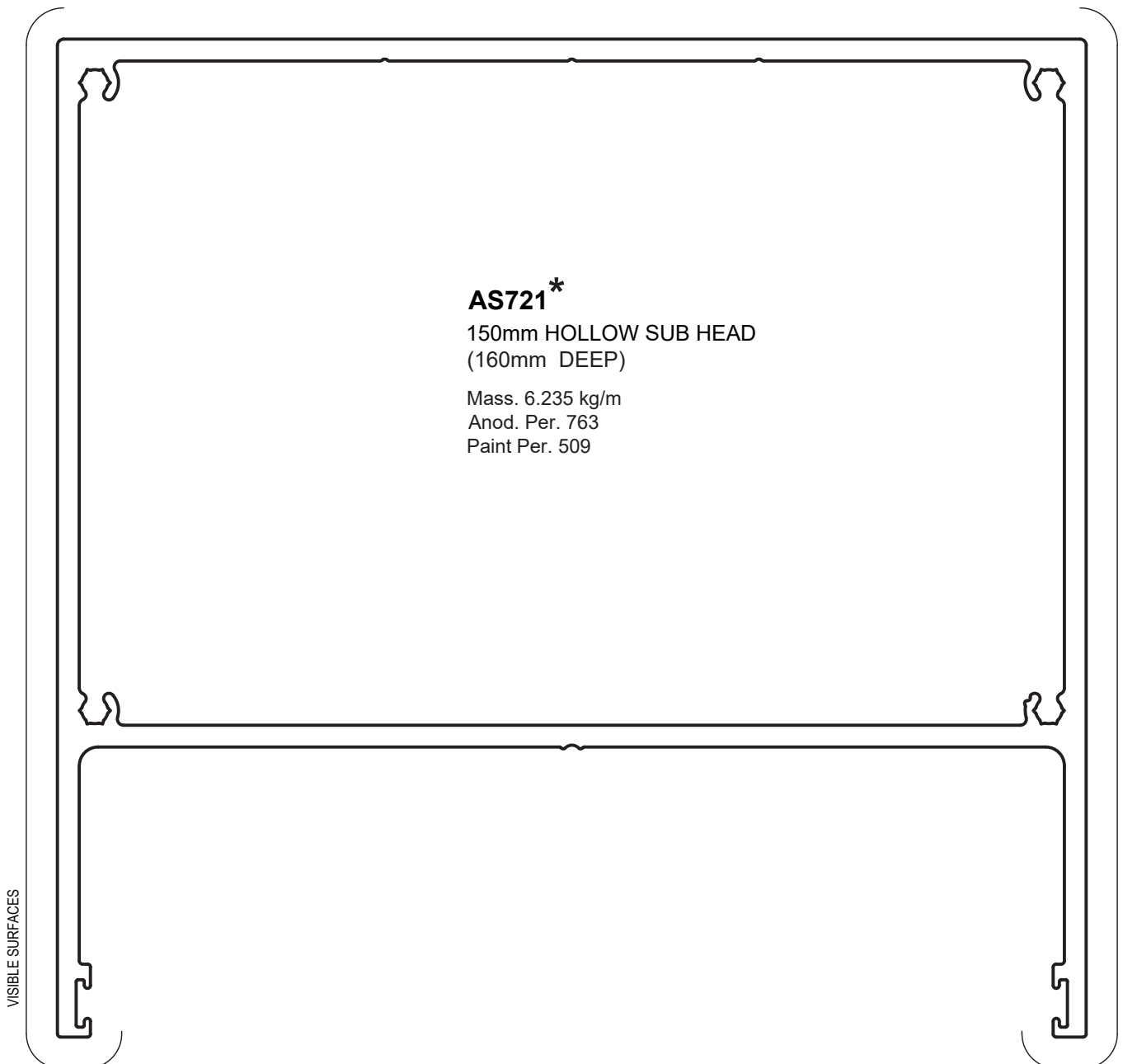
150mm Framing



NOTE: * REFERS TO NON STOCK ITEM
CHECK WITH YOUR NEAREST ALSPEC BRANCH FOR AVAILABILITY

5. Extrusions

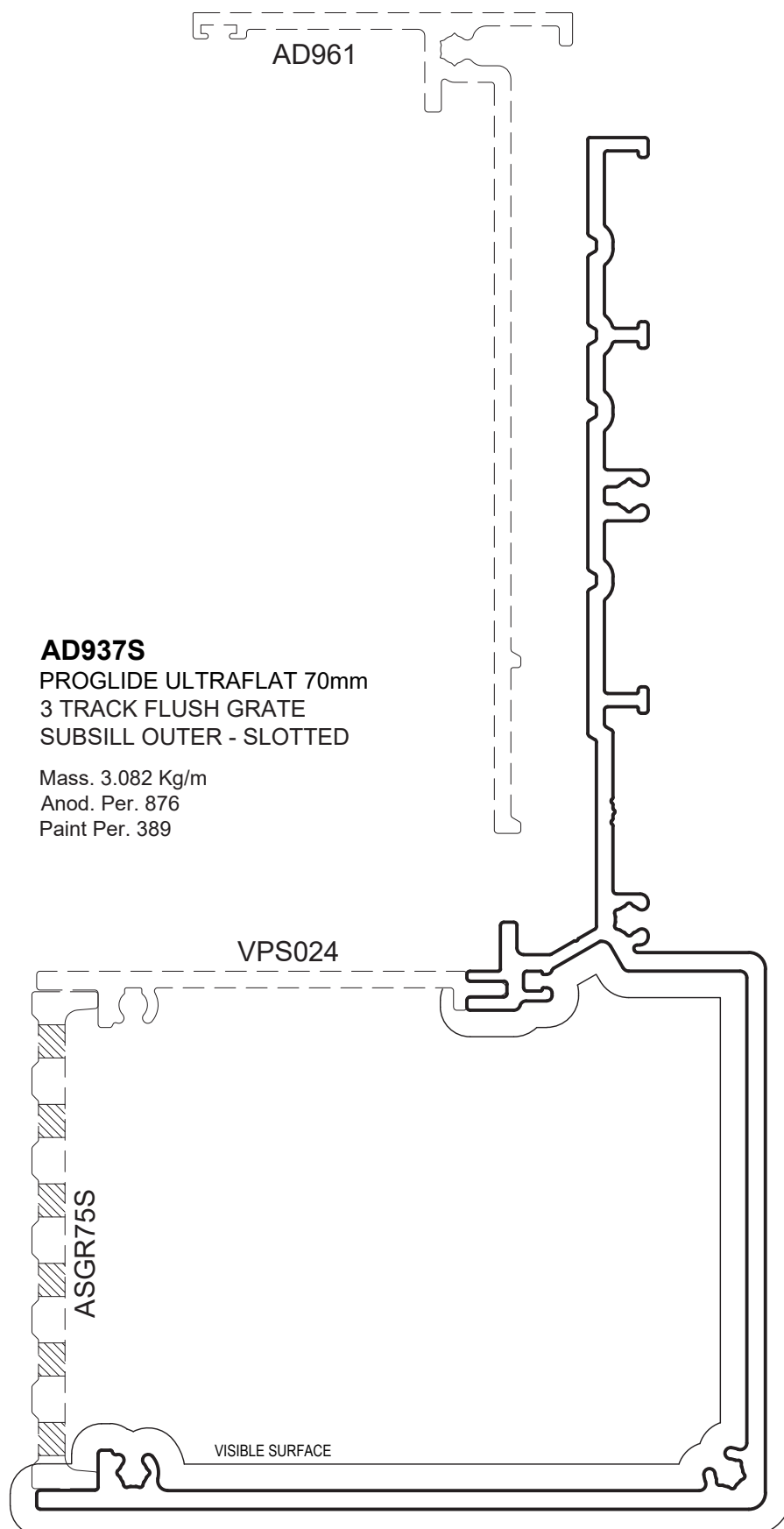
150mm Framing



NOTE: * REFERS TO NON STOCK ITEM
CHECK WITH YOUR NEAREST ALSPEC BRANCH FOR AVAILABILITY

5. Extrusions

150mm Framing



5. Extrusions

150mm Framing

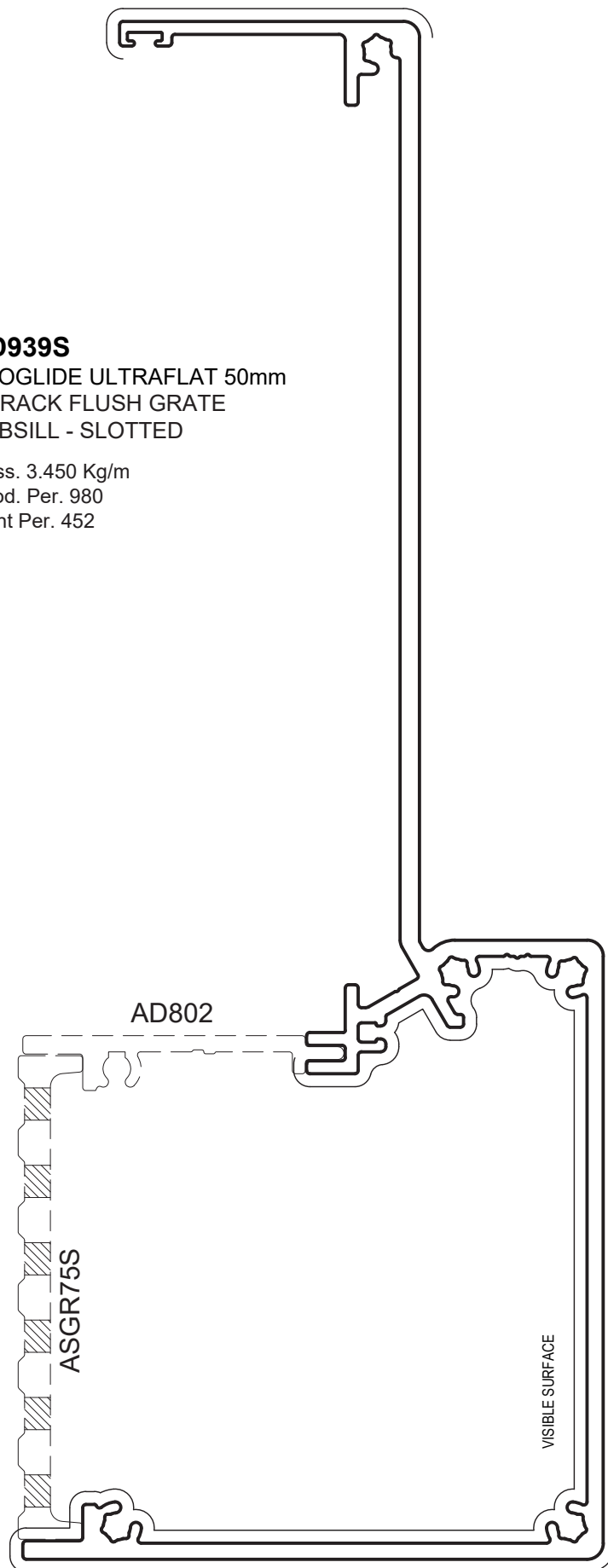
AD939S

PROGLIDE ULTRAFLAT 50mm
3 TRACK FLUSH GRATE
SUBSILL - SLOTTED

Mass. 3.450 Kg/m

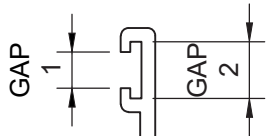
Anod. Per. 980

Paint Per. 452



5. Extrusions

150mm Framing Seal Selection Chart

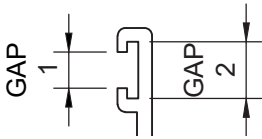


SEAL SELECTION CHART							
SECTION	DESCRIPTION	GAP 1	GAP 2	SEAL TO SUIT	ALSPEC CODE	SILL BAFFLE	ALSPEC CODE
AD937S	3 TRACK FLUSH GRATE SUBSILL (70mm DEEP)	3.2	5.4	WS48	1376848	CE12	1376342
AD939S	3 TRACK FLUSH GRATE SUBSILL (50mm DEEP)	3.2	5.4	WS48	1376848	CE12	1376342
AD960	FLUSH GRATE SILL	-	-	-	-	CE48	1376359
AD961	FLUSH GRATE SILL EXTENSION	3.2	5.4	WS48	1376848	-	-
AD966	150mm FLUSH GRATE SILL	-	-	-	-	CE48	1376359
AS151	150mm 2 PART HEAVY DUTY SUB HEAD	4.8	7.6	WS69	1376869	-	-
AS155S	150mm EXT. LEG SLOTTED SUB SILL BASE	3.2	5.4	WS48	1376848	CE12	1376342
AS158	2 PART SUB HEAD CAP	4.8	6.8	WS69	1376869	-	-
AS195S	BAFFLED 150mm SUB SILL (FIXING LEG)	-	-	-	-	CE48	1376359
AS336S	150mm HP SLOTTED SUB SILL	-	-	-	-	CE12	1376342
AS606S	150mm SLOTTED SUB SILL	3.2	5.4	CE5.5	1376345	-	-
AS607	150mm SUB HEAD	4.8	7.6	PB69-550-4P	1377147	-	-
AS608	150mm HEAVY DUTY SUB HEAD (40mm DEEP)	3.2	5.4	WS48	1376848	-	-
AS609	150mm HEAVY DUTY SUB HEAD	3.2	5.4	WS48	1376848	-	-
AS626S	150mm HEAVY DUTY SLOTTED SUB SILL	3.2	5.3	WS48	1376848	-	-
AS628S *	150mm HD EXT. LEG SLOTTED SUB SILL	3.2	5.4	WS48	1376848	-	-

NOTE: * REFERS TO NON STOCK ITEM
CHECK WITH YOUR NEAREST ALSPEC BRANCH FOR AVAILABILITY

5. Extrusions

150mm Framing Seal Selection Chart

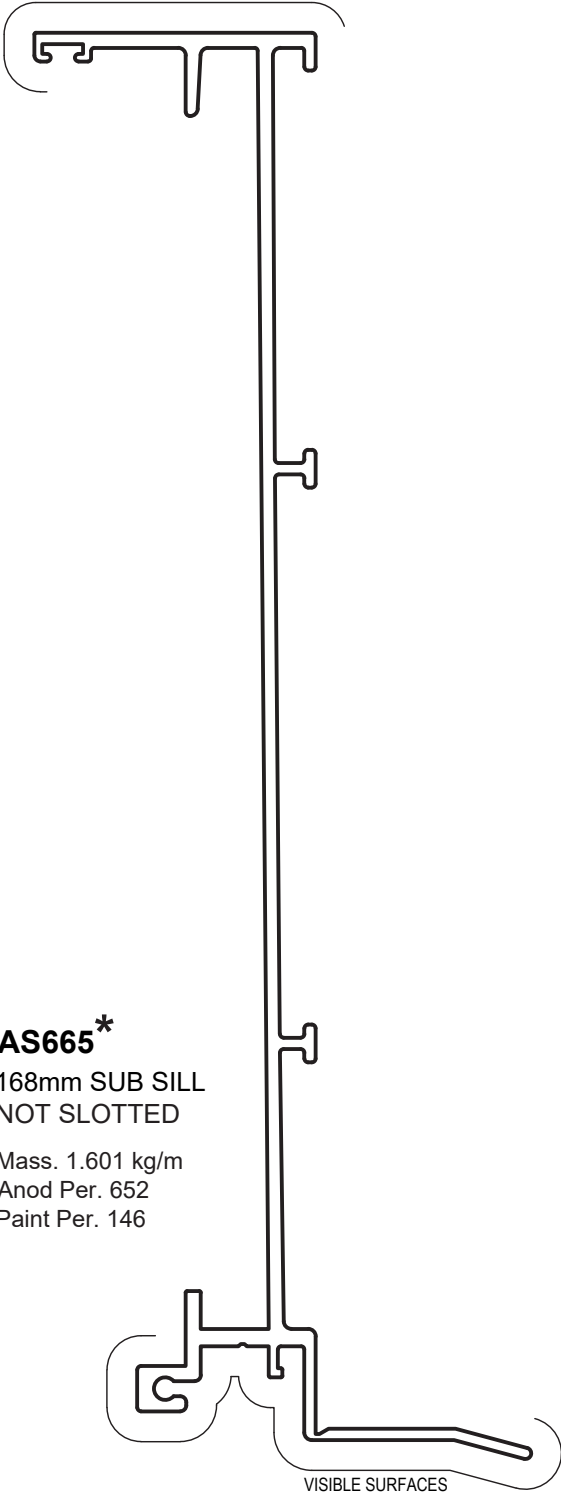


SEAL SELECTION CHART							
SECTION	DESCRIPTION	GAP 1	GAP 2	SEAL TO SUIT	ALSPEC CODE	SILL BAFFLE	ALSPEC CODE
AS632S	150mm HP SLOTTED SUB SILL	3.2	5.4	WS48	1376848	CE12	1376342
AS633 *	150mm HEAVY DUTY SUB HEAD (115mm DEEP)	4.8	7.6	WS69	1376869	-	-
AS638S *	150mm EXT. LEG SLOTTED SUB SILL	3.2	5.4	CE5.5	1376345	-	-
AS657	150mm 2 PART SUB HEAD	4.8	7.6	WS69	1376869	-	-
AS665*	168mm SUB SILL	3.2	5.4	CE5.5	1376345	-	-
AS672S	150mm HP SLOTTED SUB SILL	4.8	7.6	WS69	1376869	CE12	1376342
AS678S *	150mm SLOTTED SUB SILL	4.8	7.6	WS69	1376869	CE48	1376359
AS683S	150mm BAFFLED SLOTTED SUB SILL	3.2	5.4	WS48	1376848	CE48	1376359
AS711	150mm SUB HEAD (70mm DEEP)	3.2	5.4	WS48	1376848	-	-
AS717 *	150mm HOLLOW SUB HEAD (210mm DEEP)	4.8	6.8	WS69	1376869	-	-
AS721 *	150mm HOLLOW SUB HEAD (160mm DEEP)	4.8	6.8	WS69	1376869	-	-
AS735	150mm SUB HEAD (86mm DEEP)	3.2	5.4	WS48	1376848	-	-

NOTE: * REFERS TO NON STOCK ITEM
CHECK WITH YOUR NEAREST ALSPEC BRANCH FOR AVAILABILITY

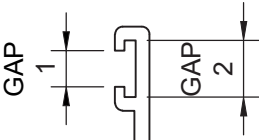
5. Extrusions

168mm Framing & Seal Selection Chart



AS665*
168mm SUB SILL
NOT SLOTTED

Mass. 1.601 kg/m
Anod Per. 652
Paint Per. 146

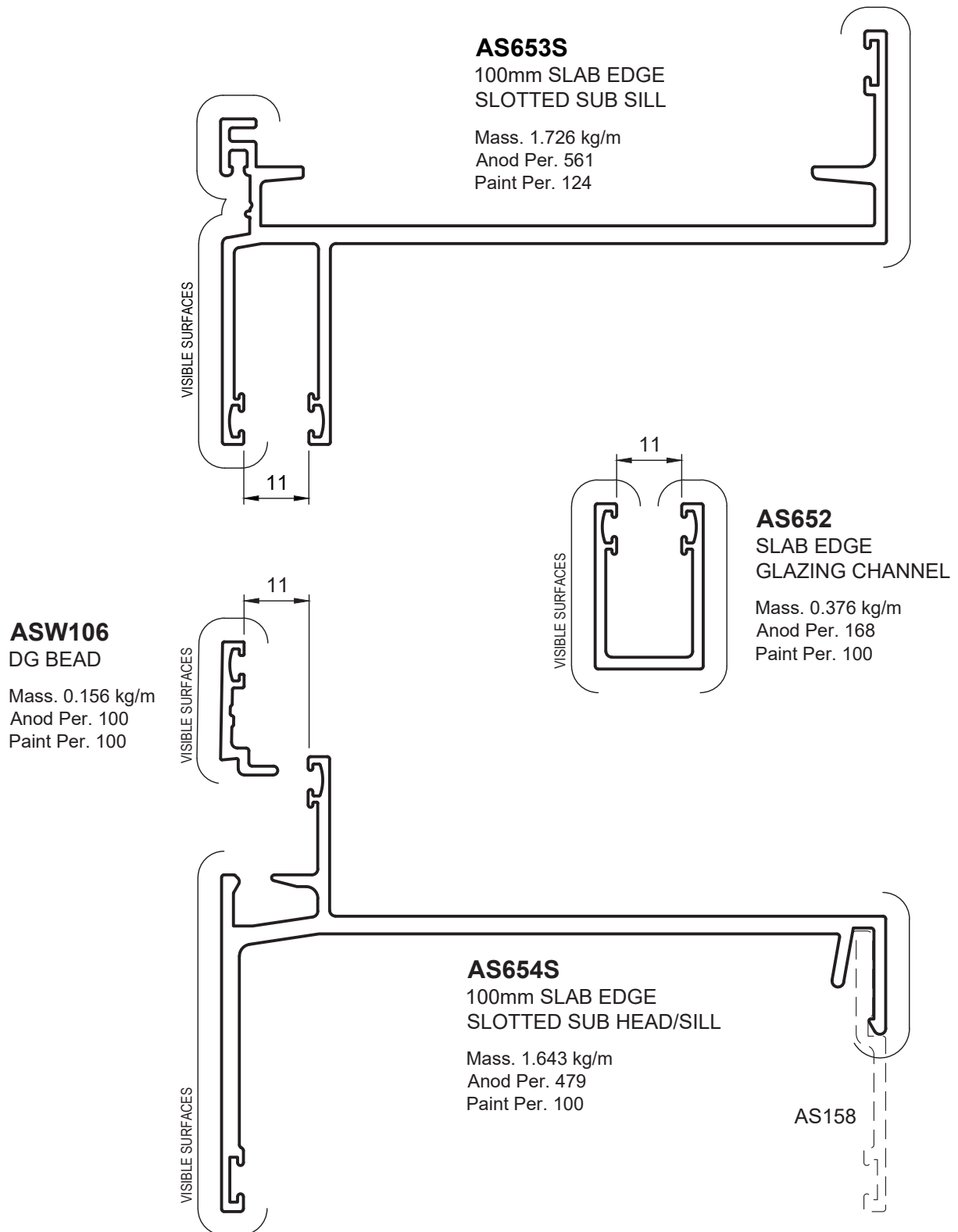


SEAL SELECTION CHART							
SECTION	DESCRIPTION	GAP 1	GAP 2	SEAL TO SUIT	ALSPEC CODE	SILL BAFFLE	ALSPEC CODE
AS665 *	168mm SUB SILL NOT SLOTTED	3.2	5.4	CE7	1376454	CE12	1376342

NOTE: * REFERS TO NON STOCK ITEM
CHECK WITH YOUR NEAREST ALSPEC BRANCH FOR AVAILABILITY

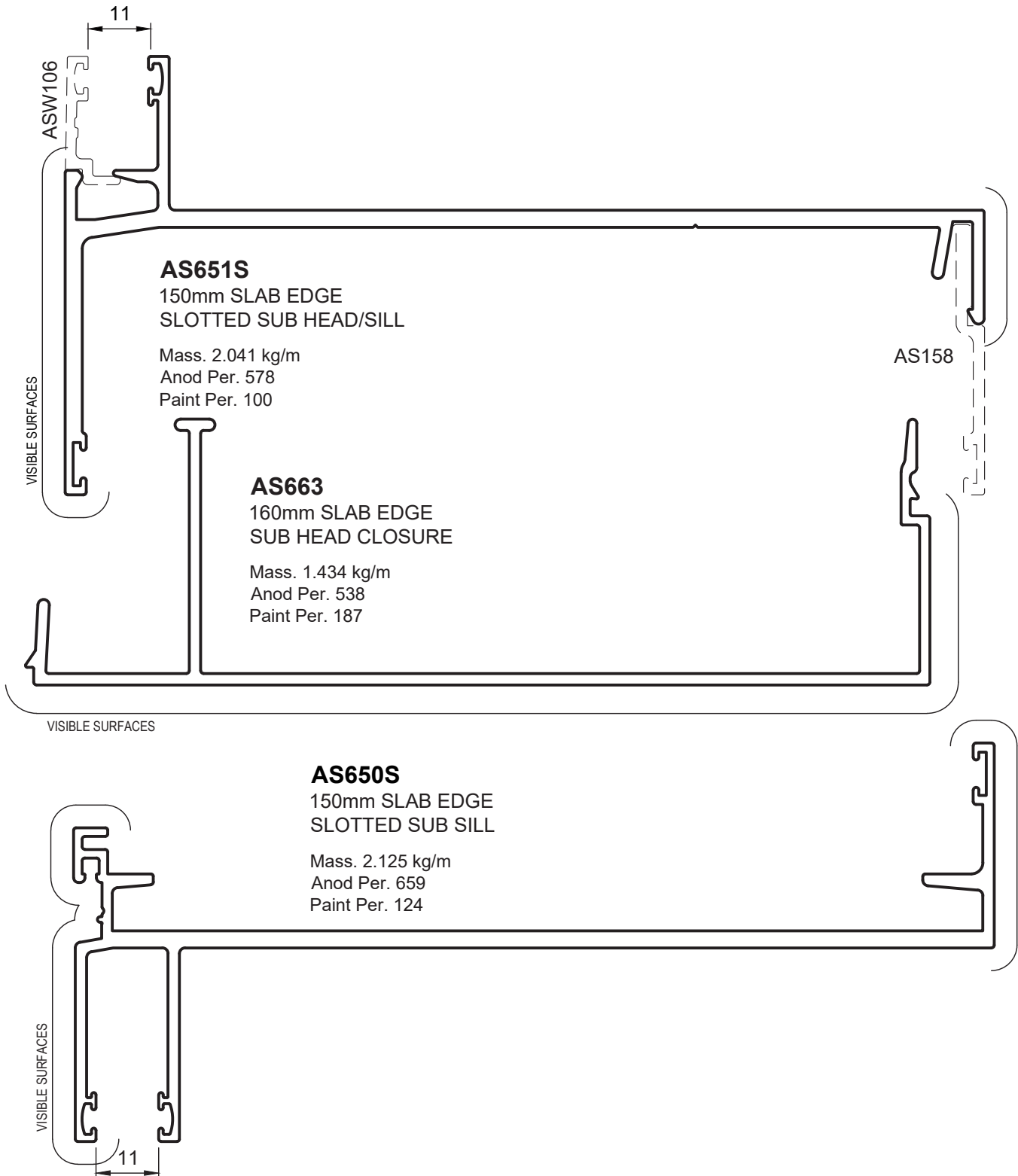
5. Extrusions

Slab Edge Sub Framing



5. Extrusions

Slab Edge Sub Framing



5. Extrusions

Slab Edge Framing

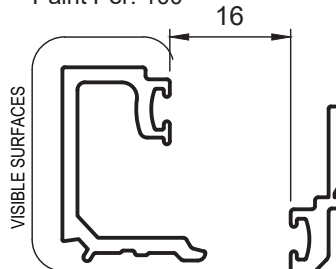
AS659

BEAD (FOR AS660S)

Mass. 0.337 kg/m

Anod Per. 133

Paint Per. 100



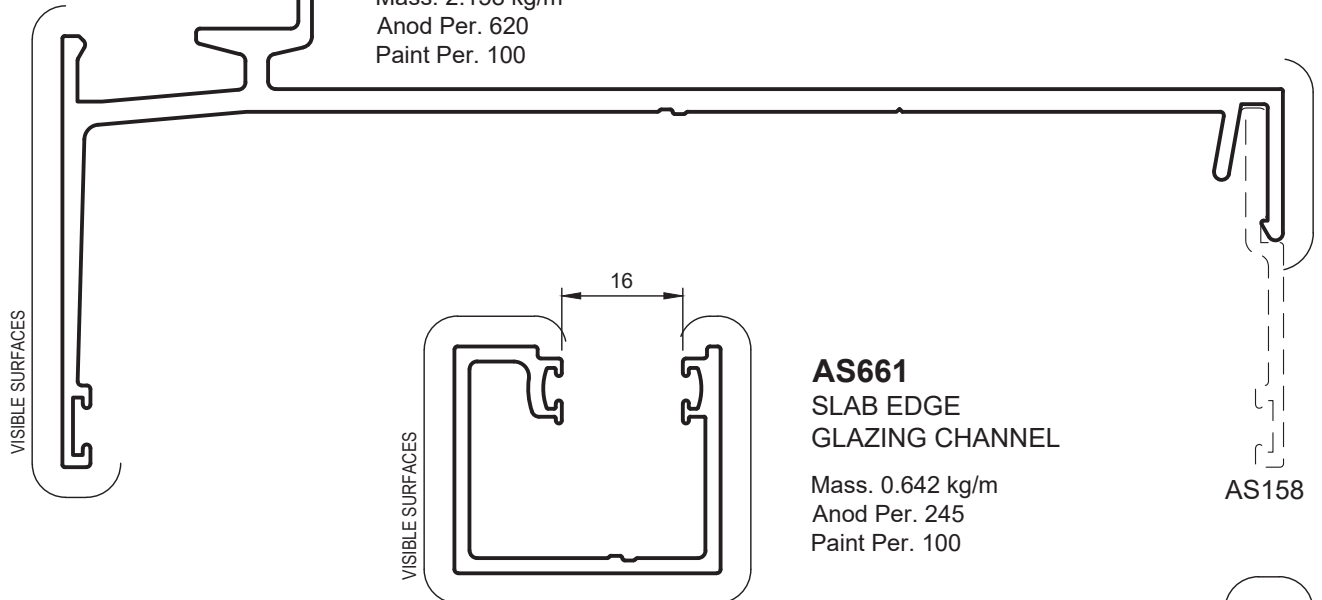
AS660S

150mm SLAB EDGE
SLOTTED SUB HEAD/SILL

Mass. 2.158 kg/m

Anod Per. 620

Paint Per. 100



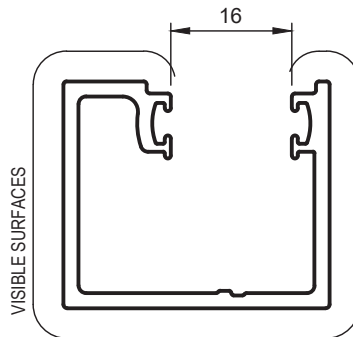
AS661

SLAB EDGE
GLAZING CHANNEL

Mass. 0.642 kg/m

Anod Per. 245

Paint Per. 100



AS158

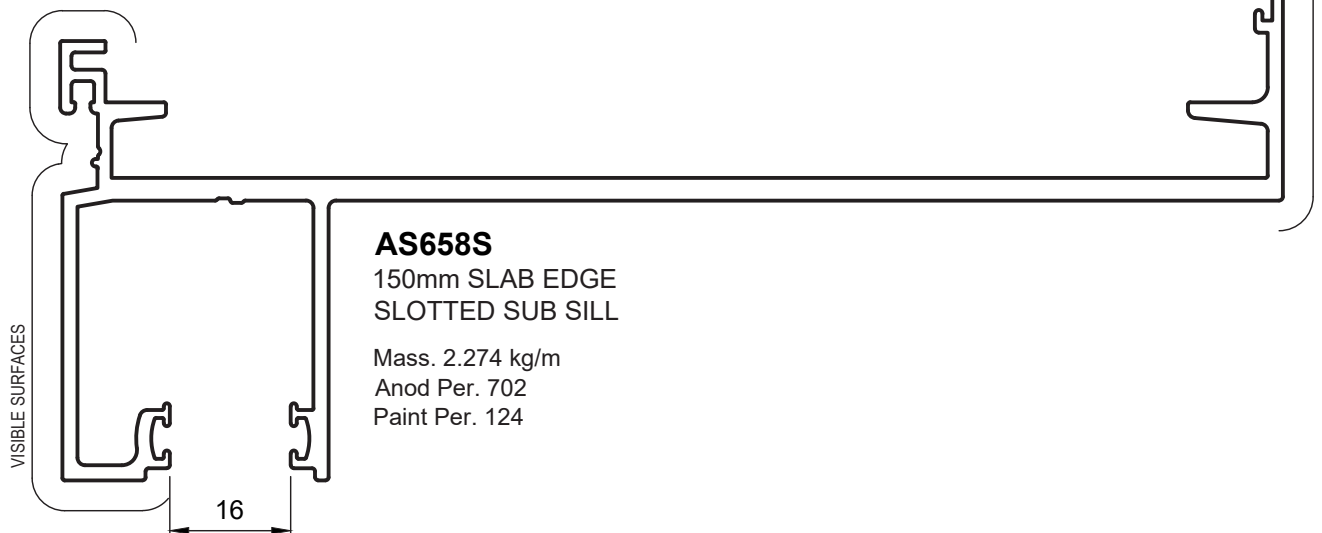
AS658S

150mm SLAB EDGE
SLOTTED SUB SILL

Mass. 2.274 kg/m

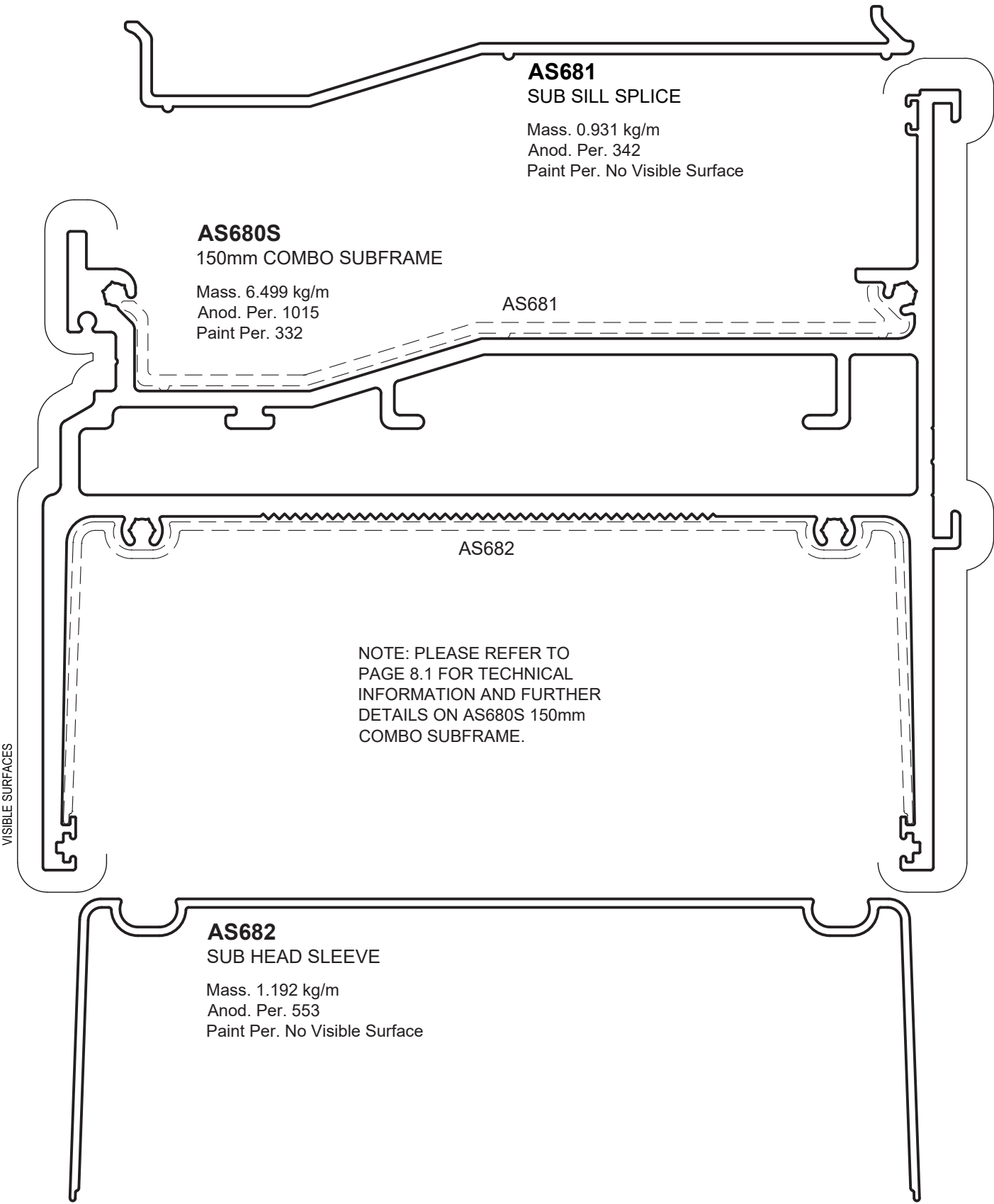
Anod Per. 702

Paint Per. 124



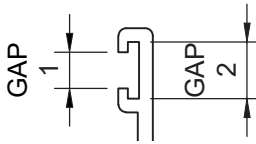
5. Extrusions

Slab Edge Combo System



5. Extrusions

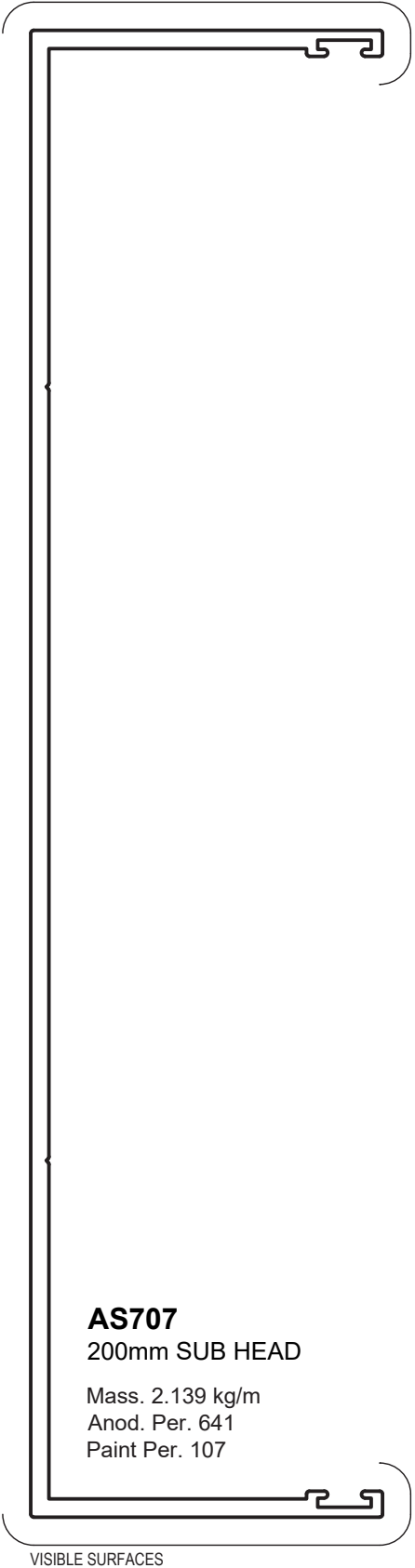
Slab Edge Sub Framing Seal Selection Chart



SEAL SELECTION CHART							
SECTION	DESCRIPTION	GAP 1	GAP 2	SEAL TO SUIT	ALSPEC CODE	SILL BAFFLE	ALSPEC CODE
AS650S	150mm SLAB EDGE SLOTTED SUB SILL	4.8	7.6	WS69	1376869	CE48	1376359
AS651S	150mm SLAB EDGE SLOTTED SUB HEAD/SILL	4.8	7.6	WS69	1376869	-	-
AS652	SLAB EDGE GLAZING CHANNEL	3.2	5.4	WS48	1376848	-	-
AS653S	150mm SLAB EDGE SLOTTED SUB SILL	4.8	7.6	WS69	1376869	CE48	1376359
AS654S	150mm SLAB EDGE SLOTTED SUB HEAD/SILL	4.8	7.6	WS69	1376869	-	-
AS658S	150mm SLAB EDGE SLOTTED SUB SILL	4.8	7.6	WS69	1376869	CE48	1376359
AS660S	150mm SLAB EDGE SLOTTED SUB HEAD/SILL	4.8	7.6	WS69	1376869	-	-
AS661	SLAB EDGE GLAZING CHANNEL	3.2	5.4	WS48	1376848	-	-
AS680S	150mm SLAB EDGE SLOTTED COMBO SUB FRAME (SUB SILL)	3.2	5.4	CE5.5	1376345	CE12	1376342
	(SUB HEAD)	3.2	5.4	WS48	1376848	-	-

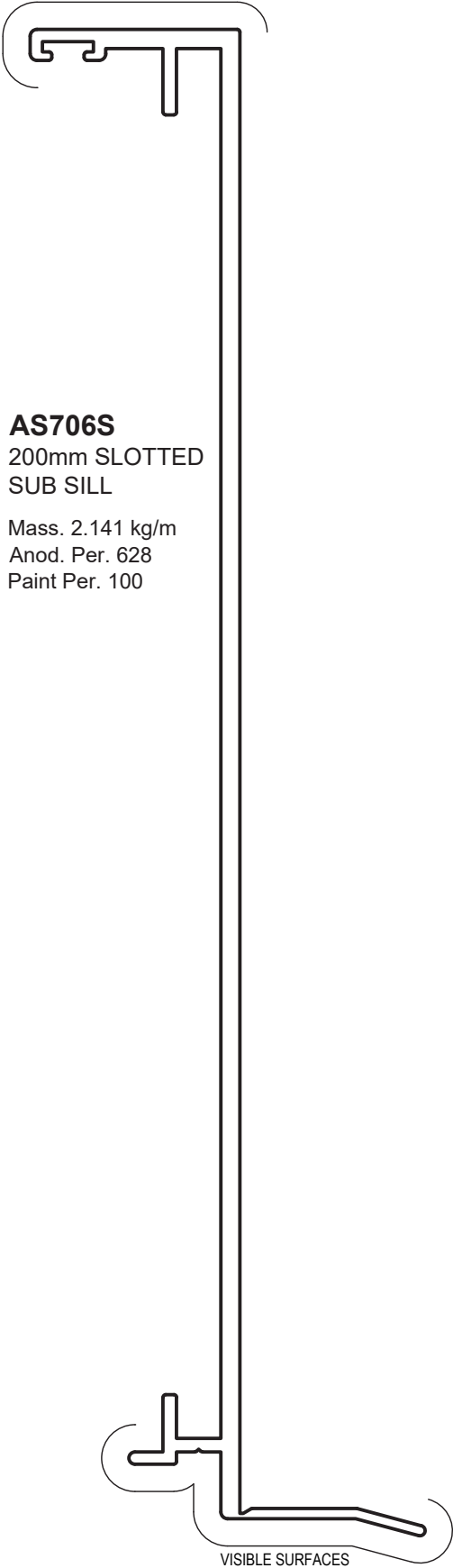
5. Extrusions

200mm Framing



AS707
200mm SUB HEAD
Mass. 2.139 kg/m
Anod. Per. 641
Paint Per. 107

VISIBLE SURFACES

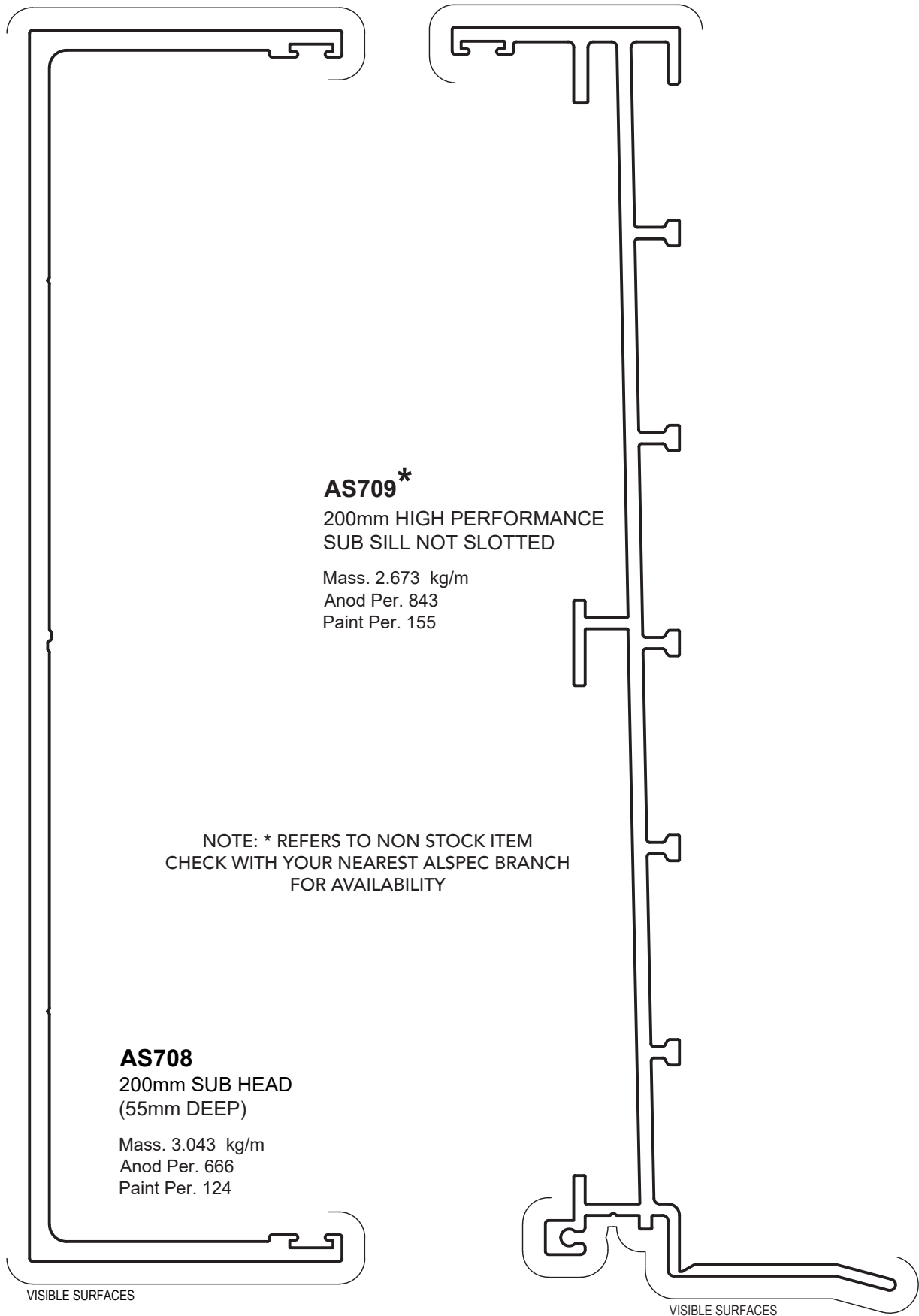


AS706S
200mm SLOTTED
SUB SILL
Mass. 2.141 kg/m
Anod. Per. 628
Paint Per. 100

VISIBLE SURFACES

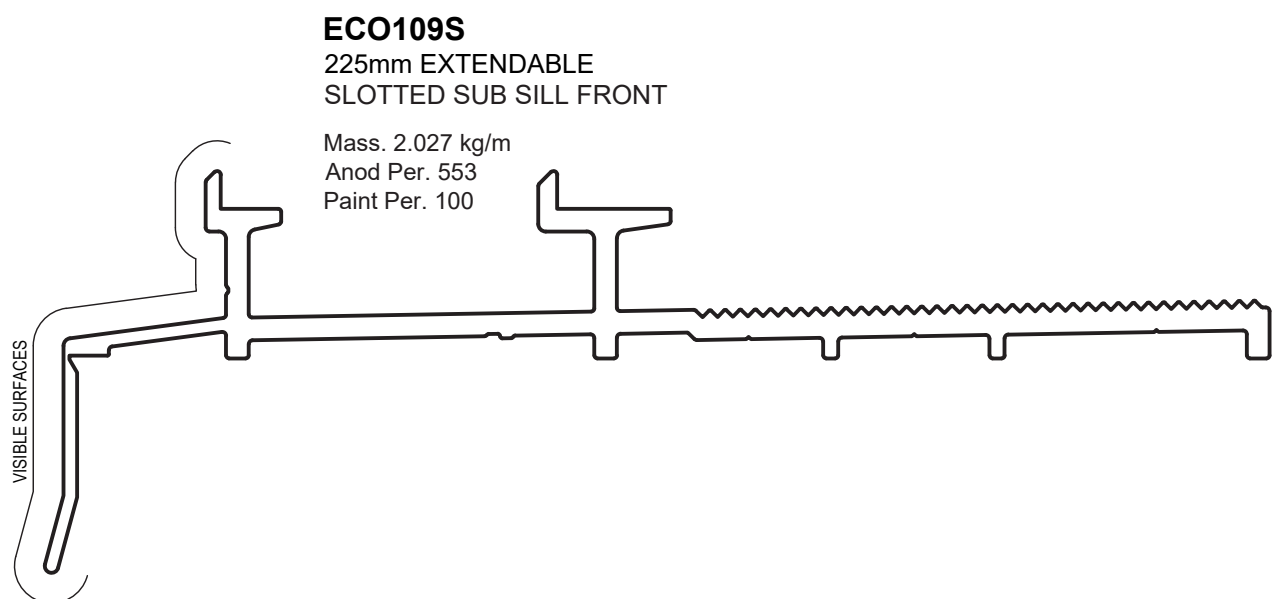
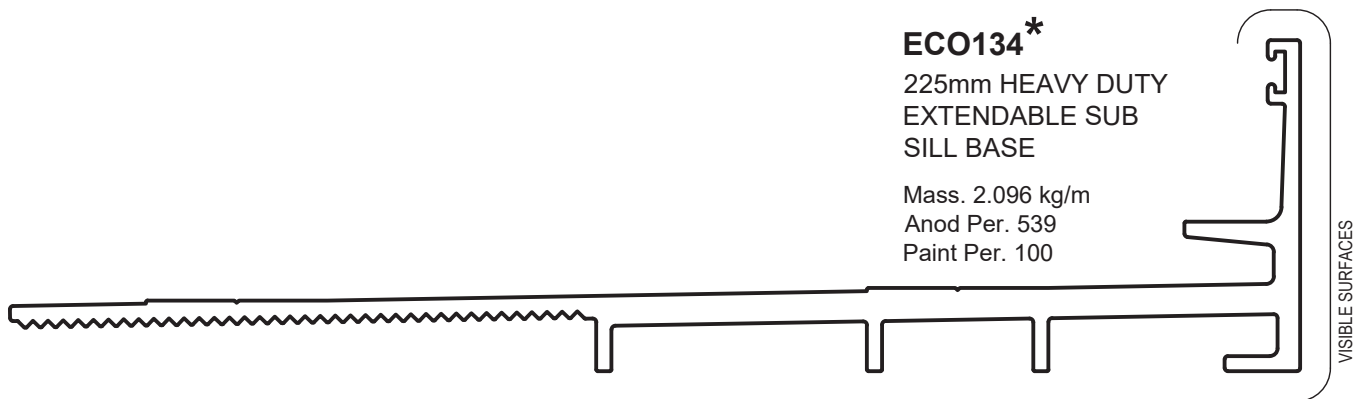
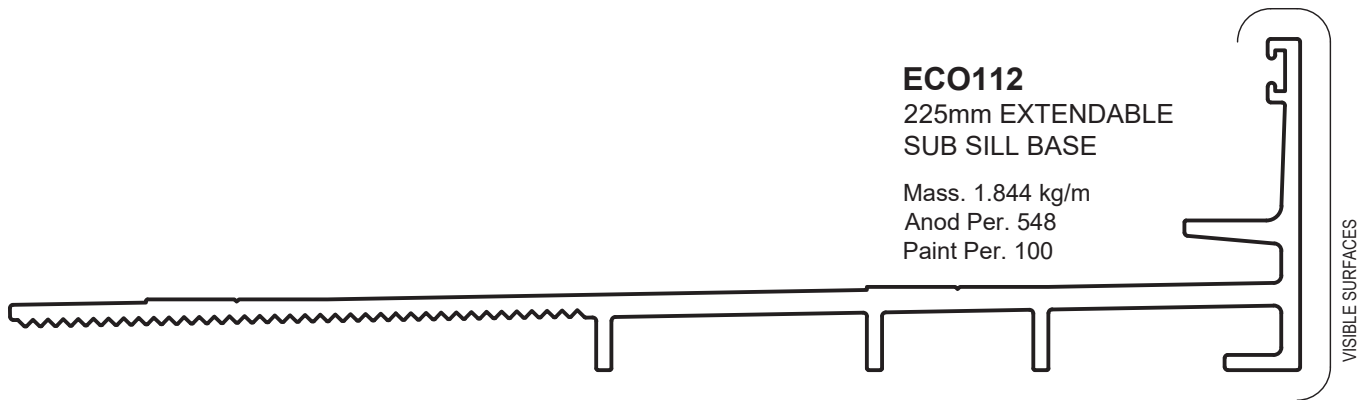
5. Extrusions

200mm Framing



5. Extrusions

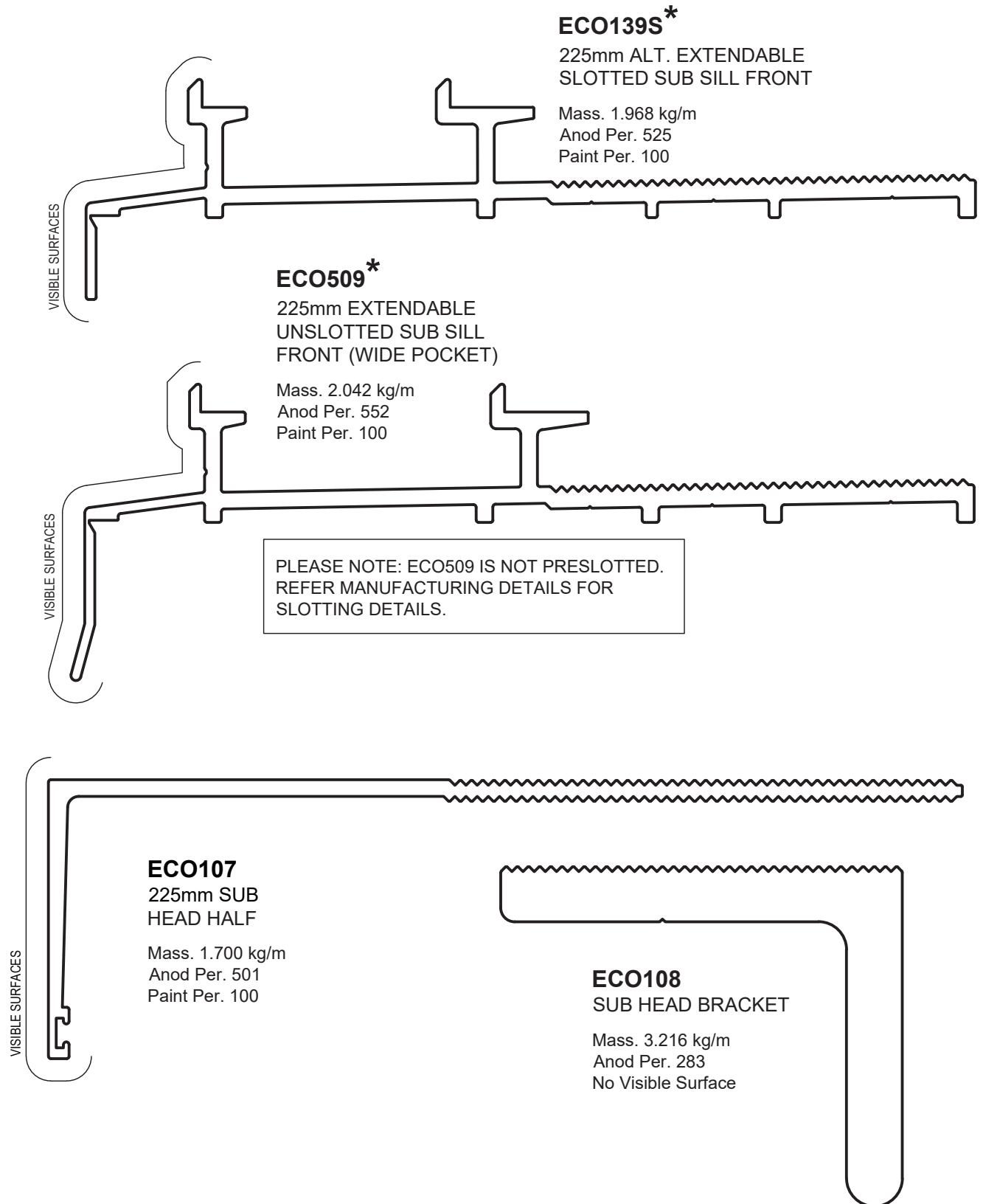
225mm Framing



NOTE: * REFERS TO NON STOCK ITEM
CHECK WITH YOUR NEAREST ALSPEC BRANCH FOR AVAILABILITY

5. Extrusions

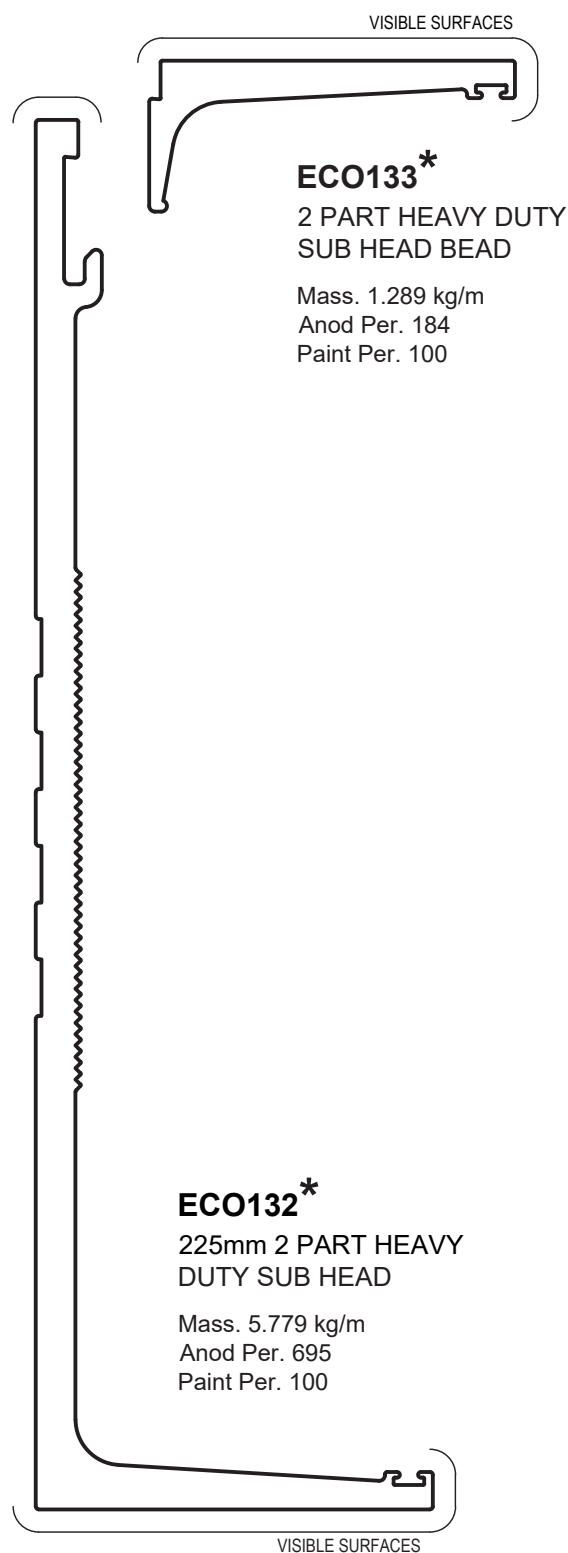
225mm Framing



NOTE: * REFERS TO NON STOCK ITEM
CHECK WITH YOUR NEAREST ALSPEC BRANCH FOR AVAILABILITY

5. Extrusions

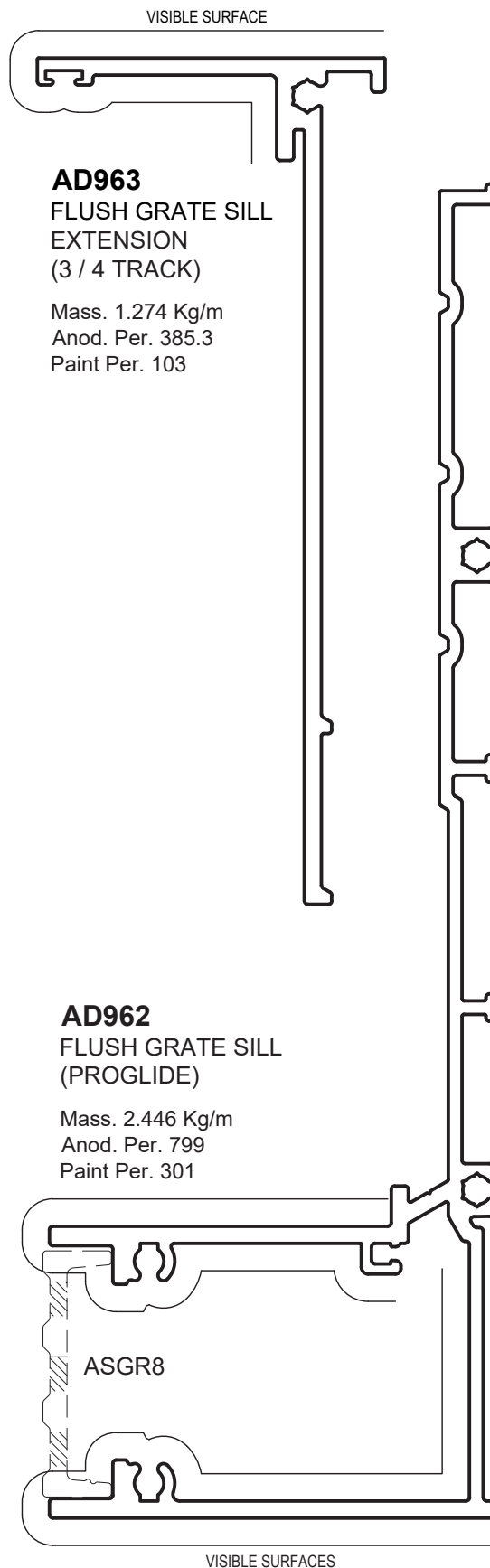
225mm Framing



NOTE: * REFERS TO NON STOCK ITEM
CHECK WITH YOUR NEAREST ALSPEC BRANCH FOR AVAILABILITY

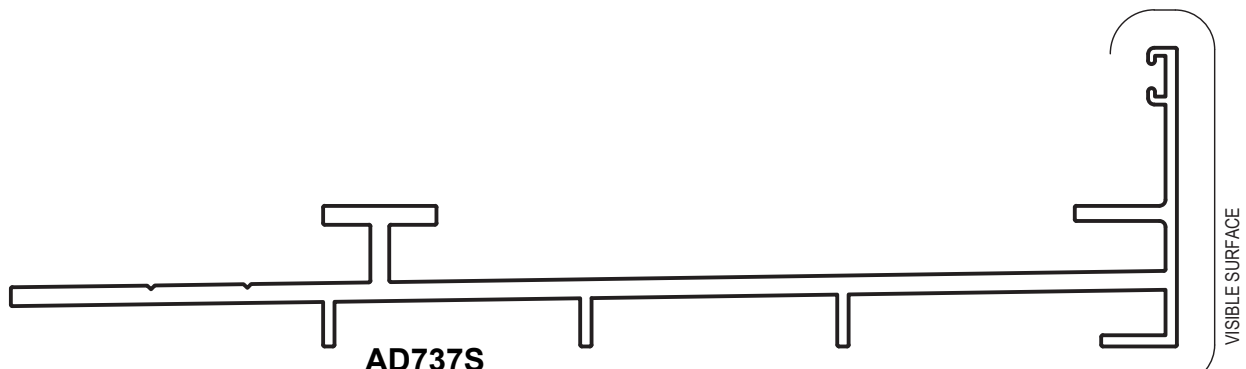
5. Extrusions

225mm Framing



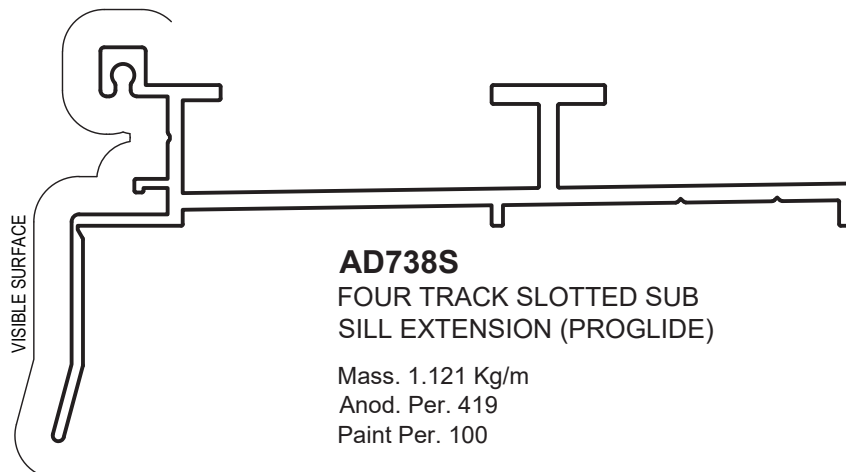
5. Extrusions

250mm Framing



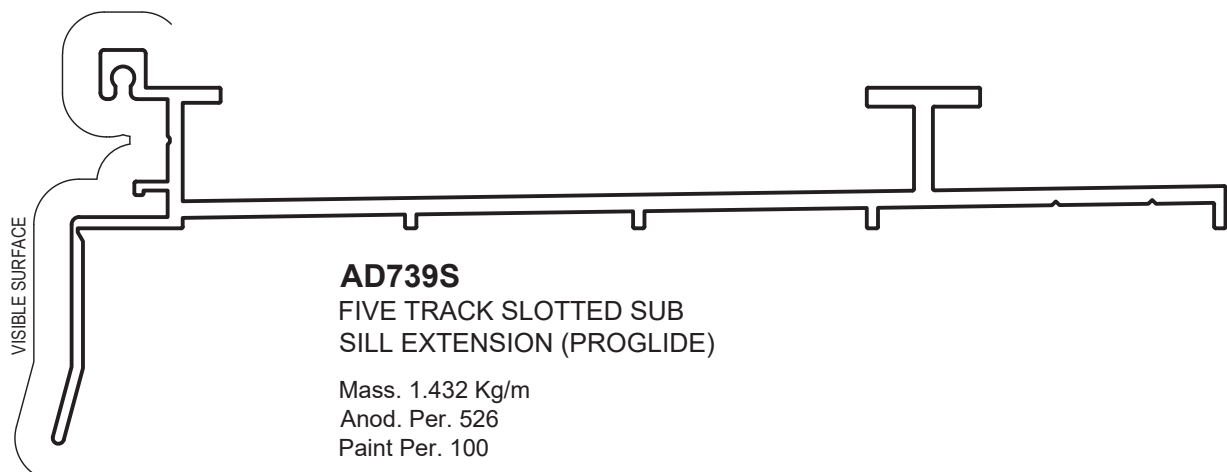
AD737S
EXTENDABLE SLOTTED
SUB SILL BASE (PROGLIDE)

Mass. 1.542 Kg/m
Anod. Per. 522
Paint Per. 100



AD738S
FOUR TRACK SLOTTED SUB
SILL EXTENSION (PROGLIDE)

Mass. 1.121 Kg/m
Anod. Per. 419
Paint Per. 100

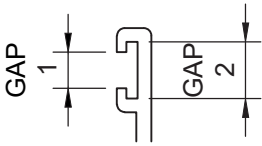


AD739S
FIVE TRACK SLOTTED SUB
SILL EXTENSION (PROGLIDE)

Mass. 1.432 Kg/m
Anod. Per. 526
Paint Per. 100

5. Extrusions

200mm, 225mm & 250mm Seal Selection Chart

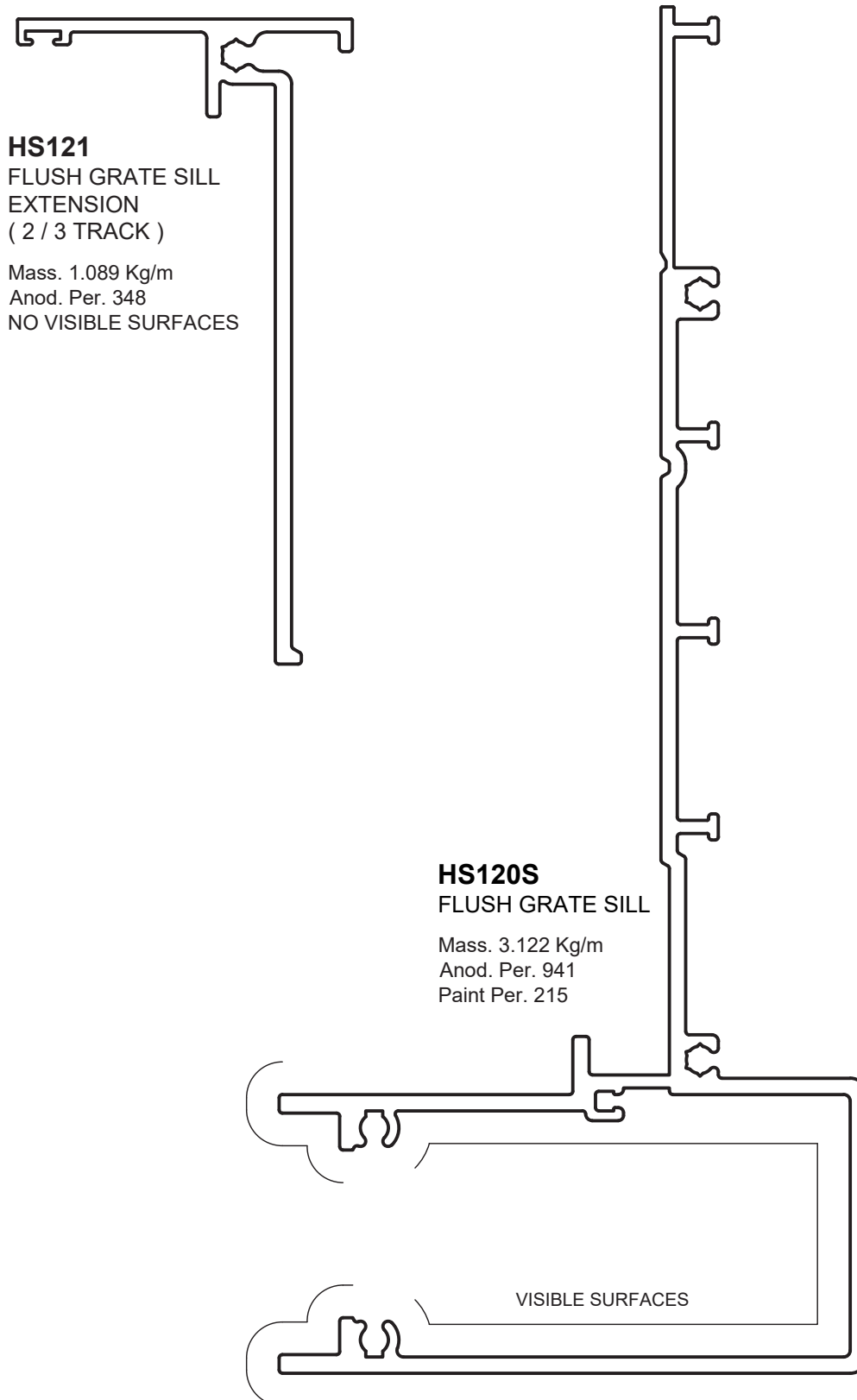


SEAL SELECTION CHART							
SECTION	DESCRIPTION	GAP 1	GAP 2	SEAL TO SUIT	ALSPEC CODE	SILL BAFFLE	ALSPEC CODE
AD737S	EXTENDABLE SLOTTED SUB SILL BASE	3.2	5.4	WS48	1376848	-	-
AD738S	FOUR TRACK SLOTTED SUB SILL EXTENSION	-	-	-	-	CE12	1376342
AD739S	FIVE TRACK SLOTTED SUB SILL EXTENSION	-	-	-	-	CE12	1376342
AD962	FLUSH GRATE SILL	-	-	-	-	CE48	1376359
AD963	FLUSH GRATE SILL EXTENSION (3 / 4) TRACK	3.2	5.4	CE5.5	1376345	-	-
AS706S	200mm SLOTTED SUB SILL	4.75	7.5	WS69	1376869	-	-
AS707	200mm SUB HEAD	4.8	7.6	PB69-550-4P	1377147	-	-
AS708	200mm SUB HEAD (55mm DEEP)	4.8	7.6	PB69-550-4P	1377147	-	-
AS709 *	200mm HP SUB SILL NOT SLOTTED	4.8	7.6	WS69	1376869	CE12	1376342
ECO107	225mm SUB HEAD HALF	3.2	5.3	WS48	1376848	-	-
ECO112	225mm EXTENDABLE SUB SILL BASE	3.2	5.4	WS48	1376848	-	-
ECO132 *	225mm 2 PART HD SUB HEAD	3.2	5.4	WS48	1376848	-	-
ECO133 *	2 PART HD SUB HEAD CAP	3.2	5.4	WS48	1376848	-	-
ECO134 *	225mm HD EXTENDABLE SUB SILL BASE	3.2	5.4	WS48	1376848	-	-

NOTE: * REFERS TO NON STOCK ITEM
CHECK WITH YOUR NEAREST ALSPEC BRANCH FOR AVAILABILITY

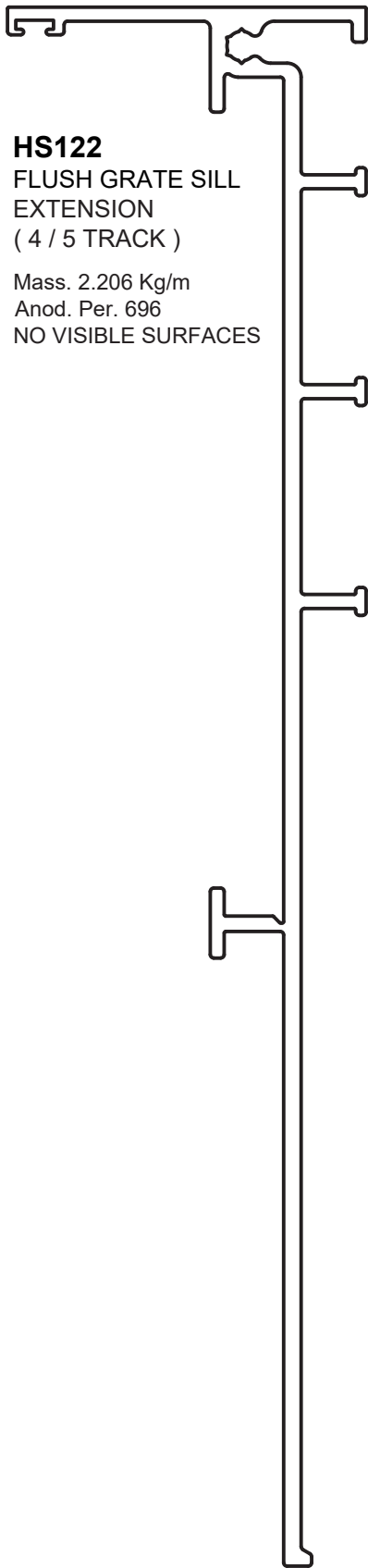
5. Extrusions

Hawkesbury Top Hung Commercial Door Framing



5. Extrusions

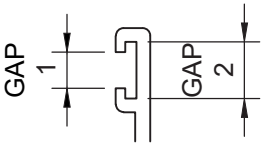
Hawkesbury Top Hung Commercial Door Framing



HS122
FLUSH GRATE SILL
EXTENSION
(4 / 5 TRACK)
Mass. 2.206 Kg/m
Anod. Per. 696
NO VISIBLE SURFACES

5. Extrusions

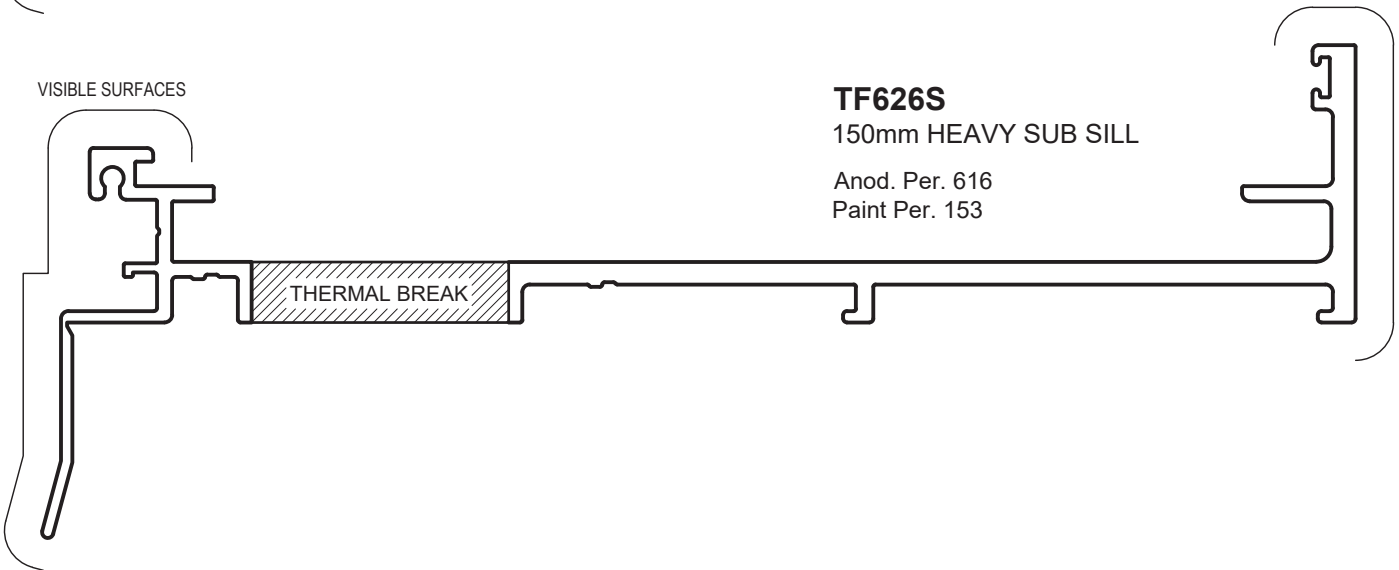
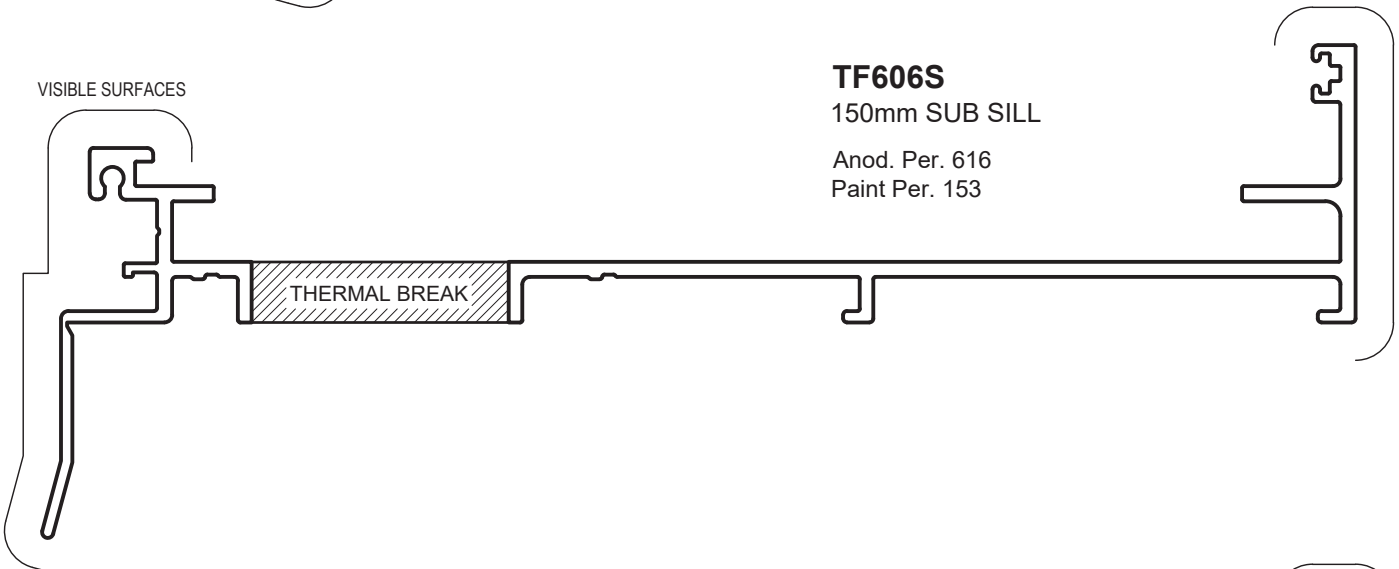
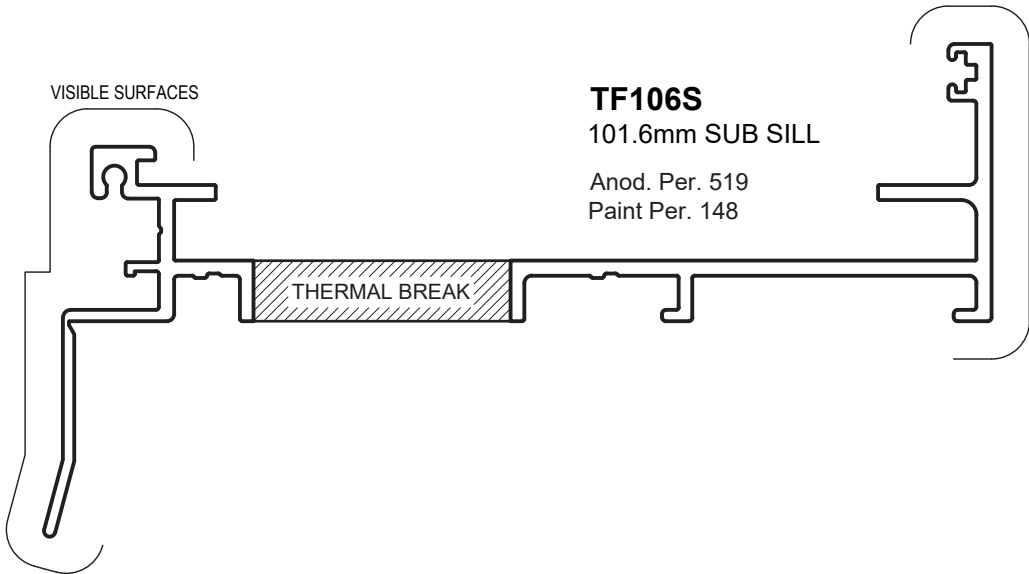
Hawkesbury Top Hung Commercial Door Seal Selection Chart



SEAL SELECTION CHART							
SECTION	DESCRIPTION	GAP 1	GAP 2	SEAL TO SUIT	ALSPEC CODE	SILL BAFFLE	ALSPEC CODE
HS120S	FLUSH GRATE SILL	-	-	-	-	CE48	1375359
HS121	FLUSH GRATE SILL EXTENSION (2/3 TRACK)	3.2	5.4	CE5.5	1376345	-	-
HS122	FLUSH GRATE SILL EXTENSION (4/5 TRACK)	3.2	5.4	CE5.5	1376345	-	-

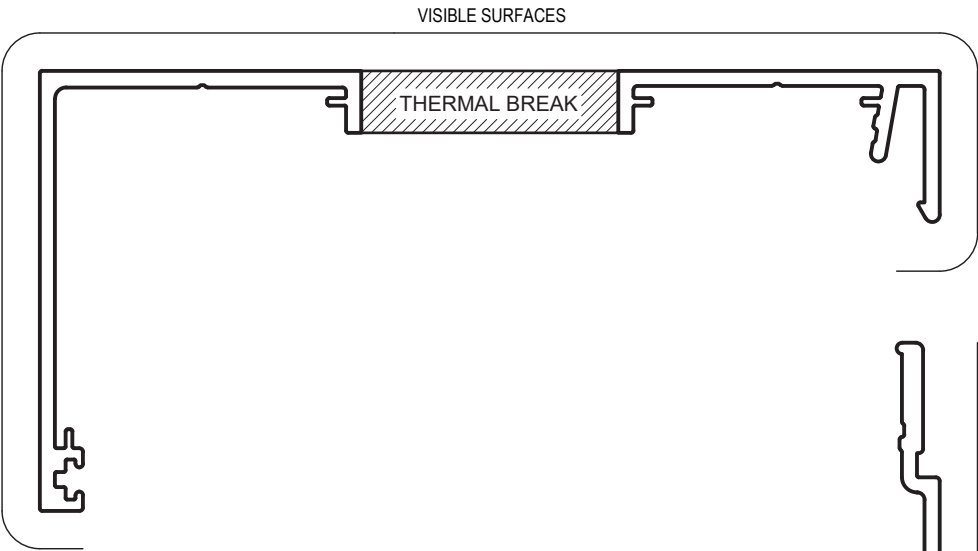
5. Extrusions

ThermAFrame Framing

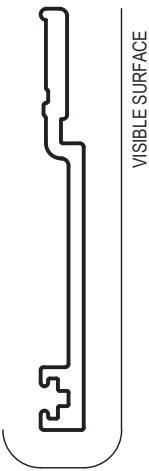


5. Extrusions

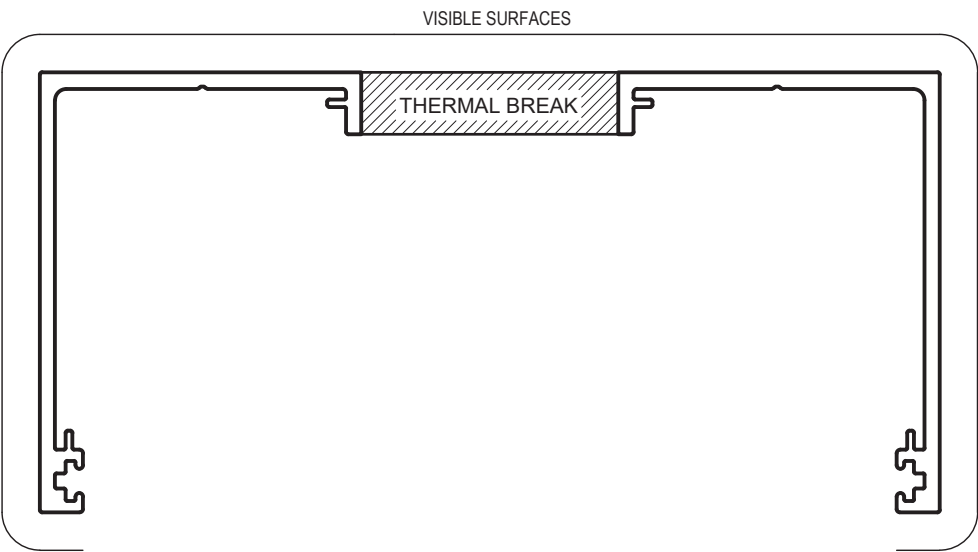
ThermAFrame Framing



TF157
101.6mm 2 PIECE
SUB HEAD
Anod. Per. 435
Paint Per. 205



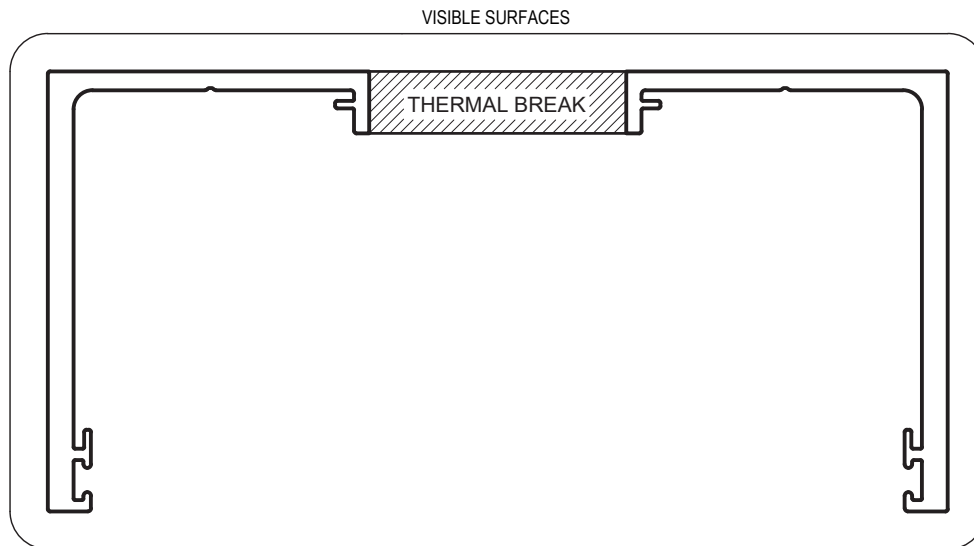
TF158
2 PIECE
SUB HEAD FASCIA
Anod. Per. 140
Paint Per. 100



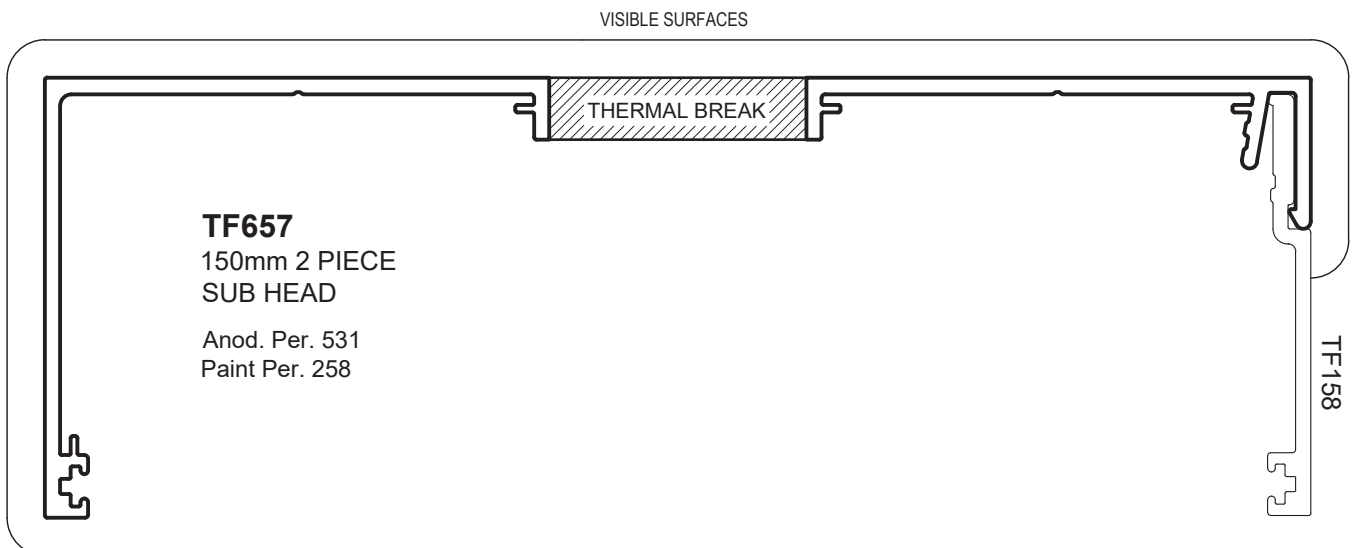
TF107
101.6mm SUB HEAD
Anod. Per. 508
Paint Per. 245

5. Extrusions

ThermAFrame Framing



TF108
101.6mm
H.D. SUB HEAD
Anod. Per. 496
Paint Per. 245

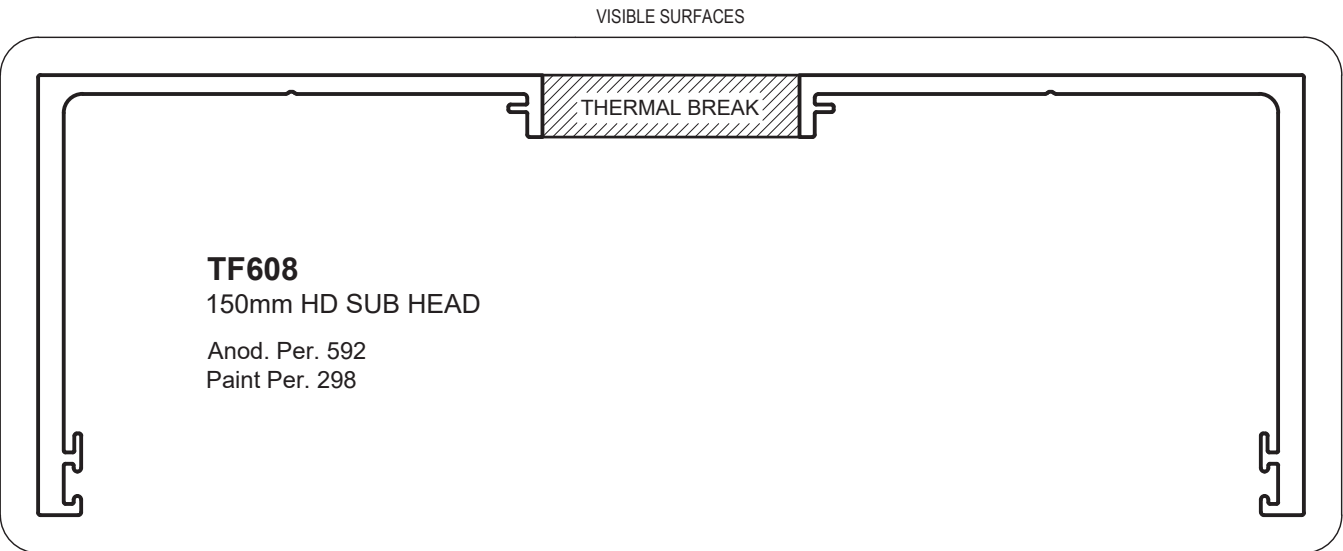
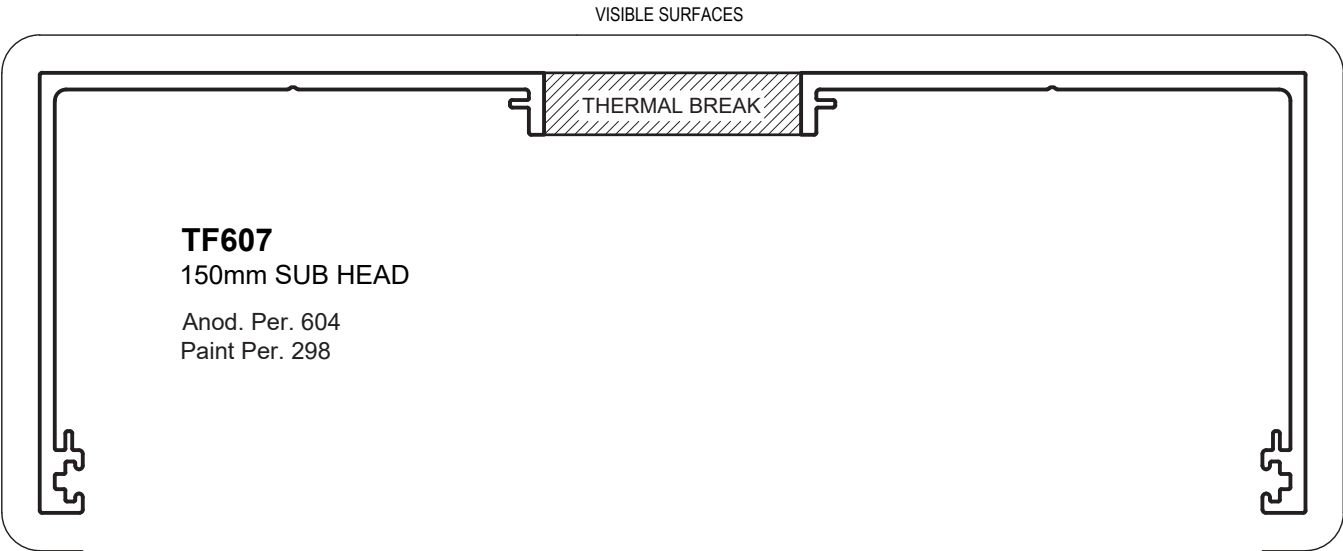


TF657
150mm 2 PIECE
SUB HEAD
Anod. Per. 531
Paint Per. 258

TF158

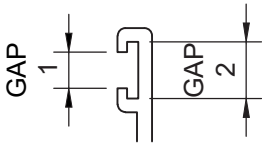
5. Extrusions

ThermAFrame Framing



5. Extrusions

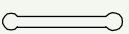
ThermAFrame Seal Selection Chart

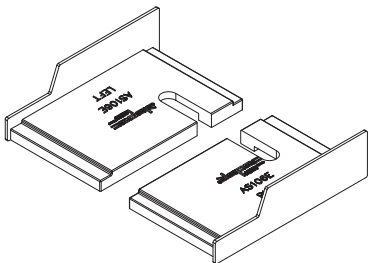


SEAL SELECTION CHART							
SECTION	DESCRIPTION	GAP 1	GAP 2	SEAL TO SUIT	ALSPEC CODE	SILL BAFFLE	ALSPEC CODE
TF106S	101.6mm SUB SILL	3.2	5.3	CE5.5	1376345	CE12	13756342
TF107	101.6mm SUB HEAD	3.2	5.3	CE5.5	1376345	-	-
TF108	101.6mm H.D. SUB HEAD	3.2	5.3	CE5.5	1376345	-	-
TF157	101.6mm 2 PIECE SUB HEAD	3.2	5.3	CE5.5	1376345	-	-
TF158	2 PIECE SUB HEAD FASCIA	3.2	5.3	CE5.5	1376345	-	-
TF606S	150mm SUB SILL	3.2	5.3	CE5.5	1376345	CE12	1376342
TF607	150mm SUB HEAD	3.2	5.3	CE5.5	1376345	-	-
TF608	150mm HD SUB HEAD	3.2	5.3	CE5.5	1376345	-	-
TF626S	150mm HEAVY SUB SILL	3.2	5.3	CE5.5	1376345	CE12	1376342
TF657	150mm 2 PIECE SUB HEAD	3.2	5.3	CE5.5	1376345	-	-

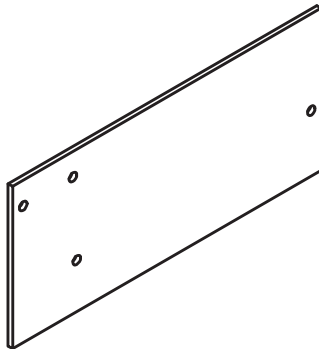
6. Hardware & Components

Seals

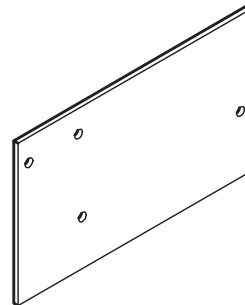
IMAGE	PART #	FINISH	DESCRIPTION
	1377259	BLACK (034)	PB48-550-3P WEATHERSEAL x 450m
	1377147	BLACK (034)	PB69-550-4P WEATHERSEAL x 325m BLK
	1376848	BLACK (034)	WS48 PVC SEAL x 500m
	1376869	BLACK (034)	WS69 PVC SEAL x 500m
	1376342	BLACK (034)	CE12 CO-EXT BAFFLE (16.5mm HEIGHT) x 250m ROLL
	1376359	BLACK (034)	CE48 CO-EXT BAFFLE (13.5mm HEIGHT) x 500m ROLL
	1376345	BLACK (034)	CE5.5 CO-EXT BULB SEAL (5.5mm DIAMETER) x 250m ROLL
	1376454	BLACK (034)	CE7 CO-EXT BULB SEAL (7mm DIAMETER) x 200m ROLL



AS106E END CAP (SUIT AS106) x PAIR	
PART	1378007
FINISH	BLACK (034)
QTY	PAIR



PRG031 AD809 END PLATE	
PART	1310239
FINISH	MILL (001)
QTY	EACH



PRG032 AD808 END PLATE	
PART	1310248
FINISH	MILL (001)
QTY	EACH

6. Hardware & Components

Wedges

IMAGE	TO SUIT GAP	MATERIAL	PART #	DESCRIPTION
	3mm	PVC	1313055	GR43 GLAZING WEDGE (BROWN) (3mm GAP) PVC x 200m ROLL
		S/PRENE	1313063	GR43S GLAZING WEDGE (BROWN) (3mm GAP) S/PRENE x 200m ROLL
	4mm	PVC	1313056	GR44 GLAZING WEDGE (WHITE) (4mm GAP) PVC x 200m ROLL
		S/PRENE	1313064	GR44S GLAZING WEDGE (WHITE) (4mm GAP) S/PRENE x 200m ROLL
	5mm	PVC	1313057	GR45 GLAZING WEDGE (BLUE) (5mm GAP) PVC x 150m ROLL
		S/PRENE	1313065	GR45S GLAZING WEDGE (BLUE) (5mm GAP) S/PRENE x 150m ROLL
	6mm	PVC	1313058	GR46 GLAZING WEDGE (YELLOW) (6mm GAP) PVC x 150m ROLL
		S/PRENE	1313066	GR46S GLAZING WEDGE (YELLOW) (6mm GAP) S/PRENE x 150m ROLL

Backing Gaskets

IMAGE	TO SUIT GAP	MATERIAL	PART #	DESCRIPTION
	2mm	PVC	1313052	GR36 BACKING GASKET - PUSH IN (2mm GAP) PVC x 200m ROLL
		S/PRENE	1313053	GR36S BACKING GASKET - PUSH IN (2mm GAP) S/PRENE x 200m ROLL
	2mm	PVC	1313079	CE36 CO-EXT BACKING GASKET (2mm GAP) PVC x 100m ROLL
		S/PRENE	1313080	CE36S CO-EXT BACKING GASKET (2mm GAP) S/PRENE x 100m ROLL
	4mm	PVC	1313054	GR37 BACKING GASKET - PUSH IN (4mm GAP) PVC x 175m ROLL
		S/PRENE	1313069	GR37S BACKING GASKET - PUSH IN (4mm GAP) S/PRENE x 175m ROLL
	4mm	PVC	1313081	CE37 CO-EXT BACKING GASKET (4mm GAP) PVC x 100m ROLL
		S/PRENE	1313082	CE37S CO-EXT BACKING GASKET (4mm GAP) S/PRENE x 100m ROLL
	6mm	PVC	1313074	GR49 BACKING GASKET - PUSH IN (6mm GAP) PVC x 100m ROLL
		S/PRENE	1313075	GR49S BACKING GASKET - PUSH IN (6mm GAP) S/PRENE x 100m ROLL
	6mm	PVC	1313083	CE49 CO-EXT BACKING GASKET (6mm GAP) PVC x 100m ROLL
		S/PRENE	1313084	CE49S CO-EXT BACKING GASKET (6mm GAP) S/PRENE x 100m ROLL

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.

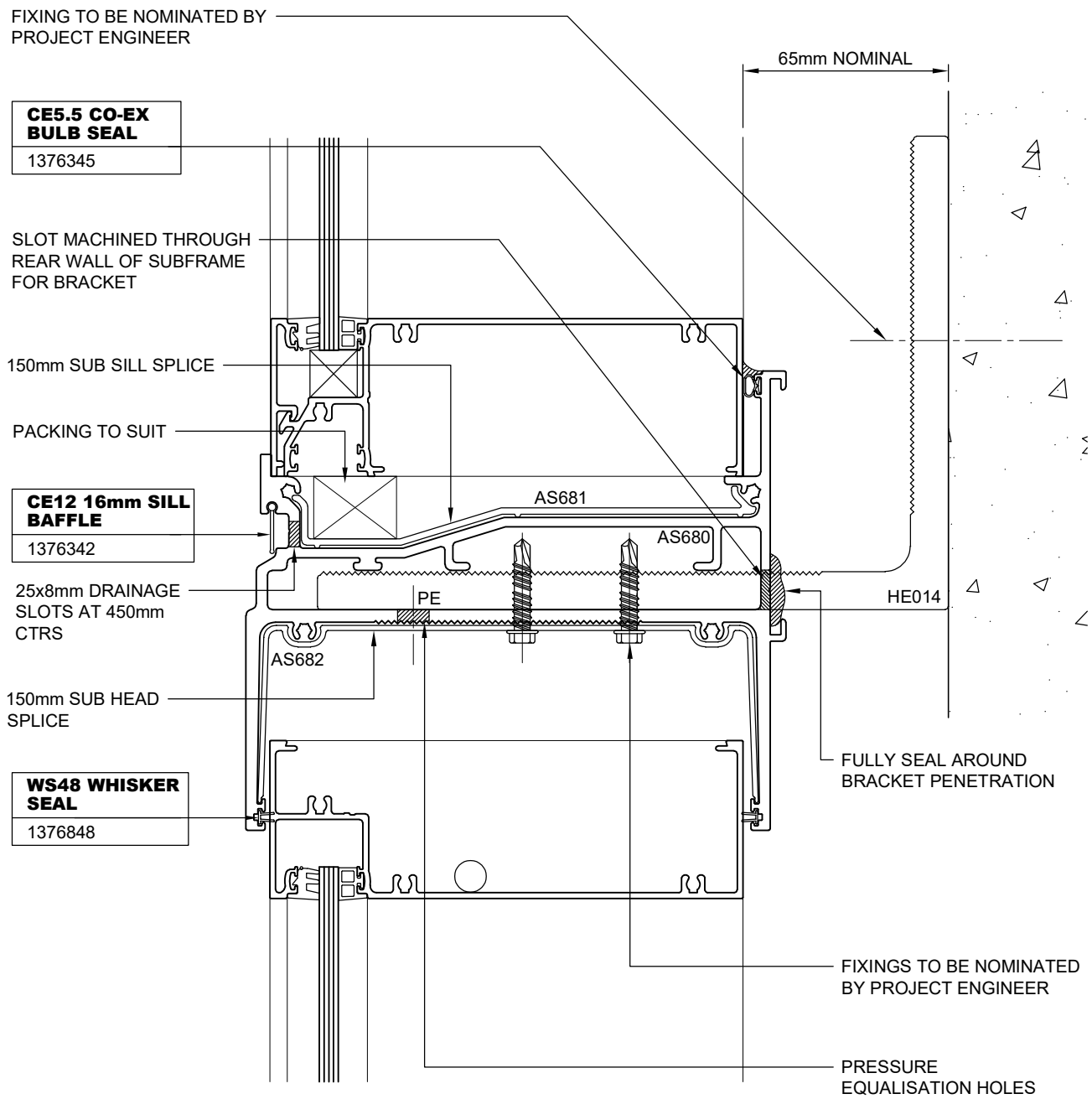
6. Hardware & Components

Silicone Product Codes

Product Category	Item No.	Alspec Part No. Code	Description	Finish	Pack
ALSPEC 100%	1	1386113	ALSPEC 100% NEUTRAL CURE SILICONE x 310g CAT	ALMOND IVORY	CARTRIDGE
	2	1386114	ALSPEC 100% NEUTRAL CURE SILICONE x 310g CAT	ALUMINIUM	CARTRIDGE
	3	1386105	ALSPEC 100% NEUTRAL CURE SILICONE x 310g CAT	BLACK	CARTRIDGE
	4	1386140	ALSPEC 100% NEUTRAL CURE SILICONE x 310g CAT	CAULFIELD GREEN	CARTRIDGE
	5	1386111	ALSPEC 100% NEUTRAL CURE SILICONE x 310g CAT	CLASSIC CREAM	CARTRIDGE
	6	1386108	ALSPEC 100% NEUTRAL CURE SILICONE x 310g CAT	GREY	CARTRIDGE
	7	1386138	ALSPEC 100% NEUTRAL CURE SILICONE x 310g CAT	MONUMENT	CARTRIDGE
	8	1386112	ALSPEC 100% NEUTRAL CURE SILICONE x 310g CAT	OFF WHITE	CARTRIDGE
	9	1386141	ALSPEC 100% NEUTRAL CURE SILICONE x 310g CAT	STONE BEIGE	CARTRIDGE
	10	1386101	ALSPEC 100% NEUTRAL CURE SILICONE x 310g CAT	TRANSLUCENT	CARTRIDGE
	11	1386106	ALSPEC 100% NEUTRAL CURE SILICONE x 310g CAT	WHITE	CARTRIDGE
	12	1386143	ALSPEC 100% NEUTRAL CURE SILICONE x 310g CAT	WOODLAND GREY	CARTRIDGE
ALSPEC 100% MATT	13	1386103	ALSPEC 100% NEUTRAL CURE SILICONE x 420g CAT	BLACK MATT	CARTRIDGE
	14	1386107	ALSPEC 100% NEUTRAL CURE SILICONE x 420g CAT	GREY MATT	CARTRIDGE
	15	1386144	ALSPEC 100% NEUTRAL CURE SILICONE x 420g CAT	WHITE MATT	CARTRIDGE
ALSPEC 20	16	1386115	ALSPEC 20 SILICONE x 310g CAT	TRANSLUCENT	CARTRIDGE
ALSPEC 41 CLADDING	17	1386159	ALSPEC 41 SILICONE x 400g CAT	BLACK MATT	CARTRIDGE
	18	1386117	ALSPEC 41 SILICONE x 600ml SAU	BLACK MATT	SAUSAGE
	19	1386158	ALSPEC 41 SILICONE x 400g CAT	LIGHT GREY MATT	CARTRIDGE
	20	1386118	ALSPEC 41 SILICONE x 600ml SAU	LIGHT GREY MATT	SAUSAGE
	21	1386157	ALSPEC 41 SILICONE x 400g CAT	WHITE MATT	CARTRIDGE
	22	1386145	ALSPEC 41 SILICONE x 600ml SAU	WHITE MATT	SAUSAGE
ALSPEC D60	23	1386121	ALSPEC D60 SILICONE x 310g CAT	BLACK	CARTRIDGE
	25	1386123	ALSPEC D60 SILICONE x 310g CAT	GREY	CARTRIDGE
	26	1386120	ALSPEC D60 SILICONE x 310g CAT	TRANSLUCENT	CARTRIDGE
	27	1386124	ALSPEC D60 SILICONE x 310g CAT	WHITE	CARTRIDGE
ALSPEC HYBRID PU	28	1386127	ALSPEC HYBRID PU x 480g CAT	BLACK	CARTRIDGE
	29	1386126	ALSPEC HYBRID PU x 600ml SAU	BLACK	SAUSAGE
	30	1386160	ALSPEC HYBRID PU x 480g CAT	GREY	CARTRIDGE
	31	1386128	ALSPEC HYBRID PU x 600ml SAU	GREY	SAUSAGE
	32	1386130	ALSPEC HYBRID PU x 480g CAT	WHITE	CARTRIDGE
	33	1386129	ALSPEC HYBRID PU x 600ml SAU	WHITE	SAUSAGE
ALSPEC WET AREA	34	1386137	ALSPEC WET AREA SILICONE x 310g CAT	ALMOND IVORY	CARTRIDGE
	35	1386139	ALSPEC WET AREA SILICONE x 310g CAT	BLACK	CARTRIDGE
	36	1386146	ALSPEC WET AREA SILICONE x 310g CAT	BLUESTONE	CARTRIDGE
	37	1386147	ALSPEC WET AREA SILICONE x 310g CAT	CHARCOAL	CARTRIDGE
	38	1386136	ALSPEC WET AREA SILICONE x 310g CAT	LIGHT GREY	CARTRIDGE
	39	1386148	ALSPEC WET AREA SILICONE x 310g CAT	MID GREY	CARTRIDGE
	40	1386149	ALSPEC WET AREA SILICONE x 310g CAT	OFF WHITE	CARTRIDGE
	41	1386150	ALSPEC WET AREA SILICONE x 310g CAT	PEWTER	CARTRIDGE
	42	1386151	ALSPEC WET AREA SILICONE x 310g CAT	STONE BEIGE	CARTRIDGE
	43	1386154	ALSPEC WET AREA SILICONE x 310g CAT	TAUPE	CARTRIDGE
	44	1386152	ALSPEC WET AREA SILICONE x 310g CAT	TILE GREY	CARTRIDGE
	45	1386133	ALSPEC WET AREA SILICONE x 310g CAT	TRANSLUCENT	CARTRIDGE
	46	1386153	ALSPEC WET AREA SILICONE x 310g CAT	TRAVERTINE	CARTRIDGE
	47	1386134	ALSPEC WET AREA SILICONE x 310g CAT	WHITE	CARTRIDGE

8. Typical Details

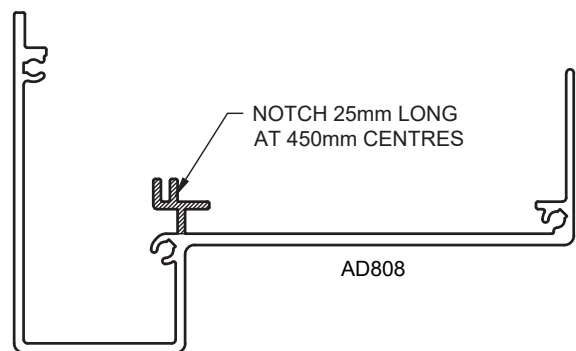
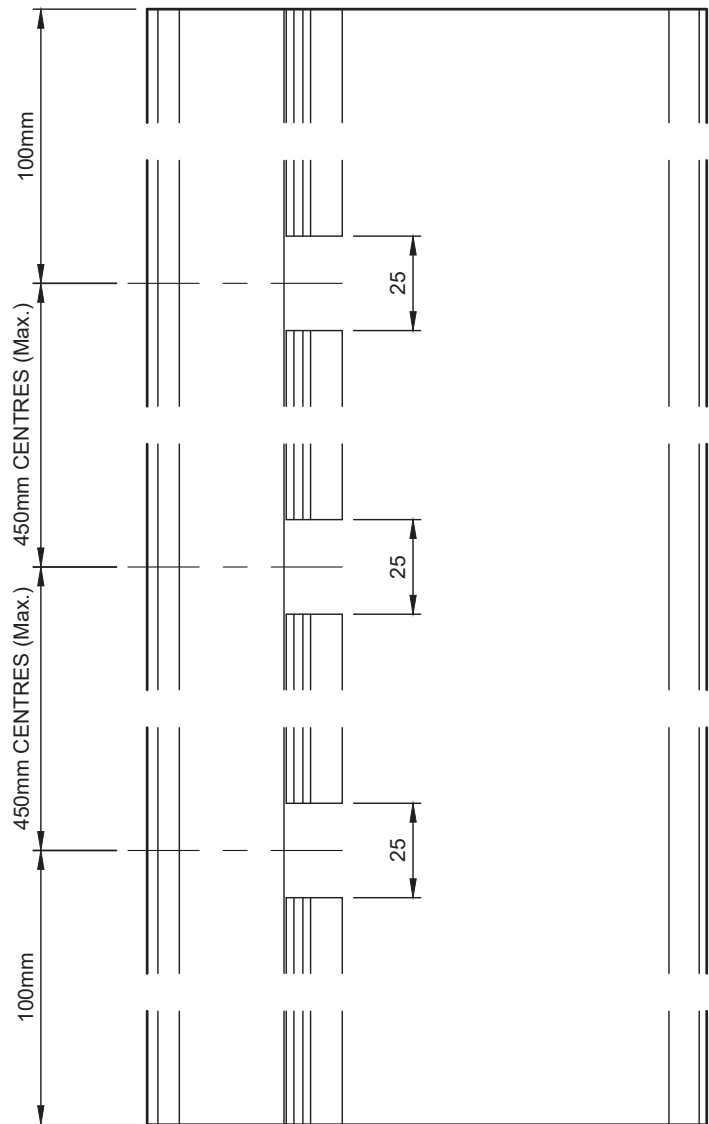
Slab Edge Combo System



NOTE: STRUCTURE AND BRACKET CONNECTIONS SHOWN INDICATIVELY ONLY, BRACKET AND CONNECTIONS TO BE ASSESSED BY PROJECT ENGINEER.

10. Manufacturing Details

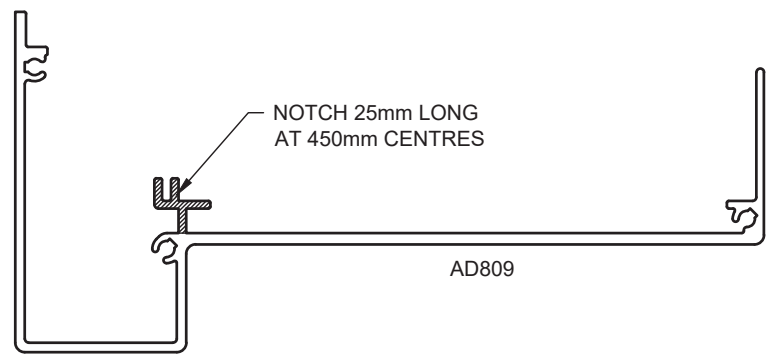
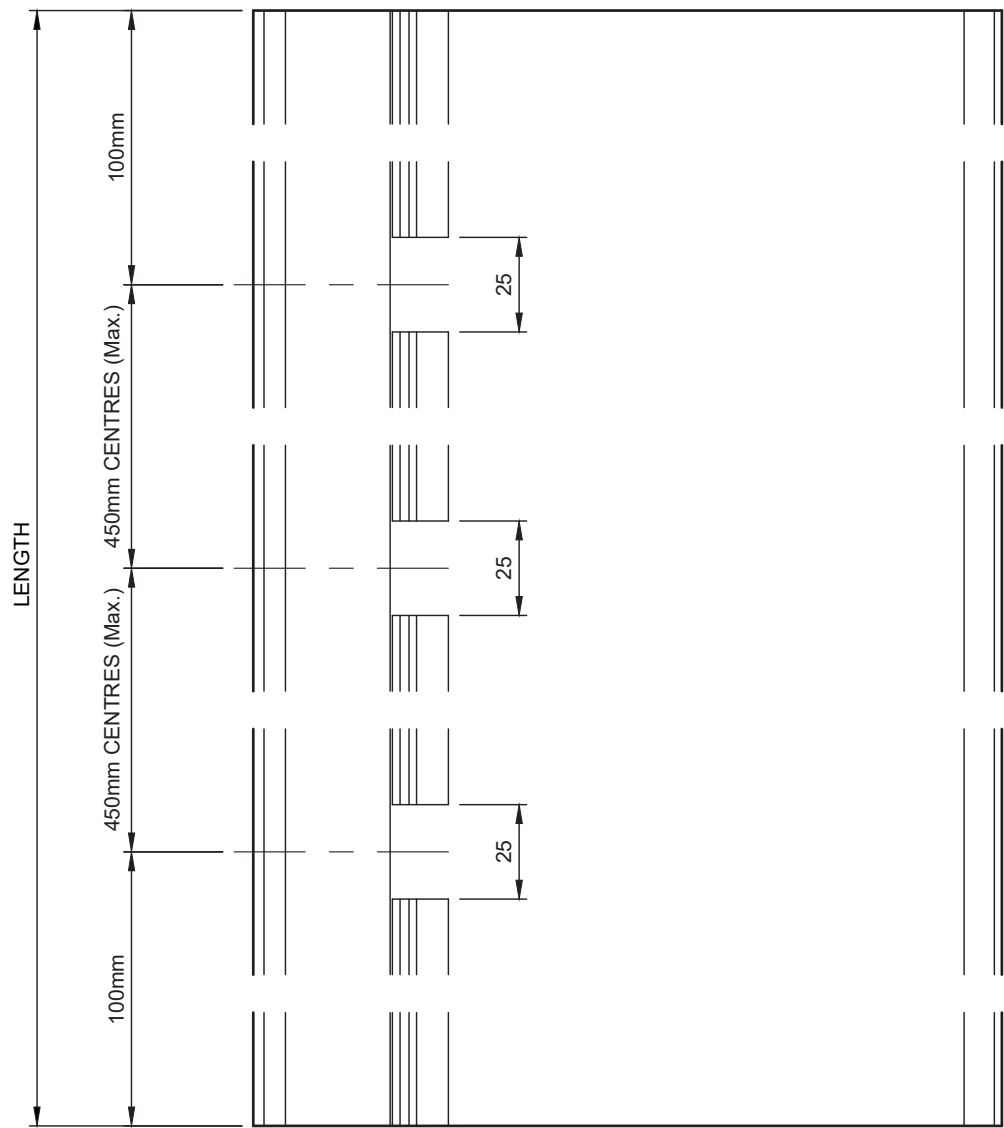
AD808 100mm Flush Grate Sill Slotting



NOTE: SLOTTED BY FABRICATOR

10. Manufacturing Details

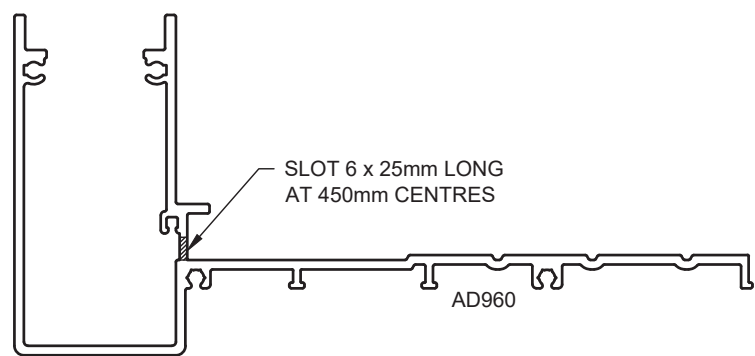
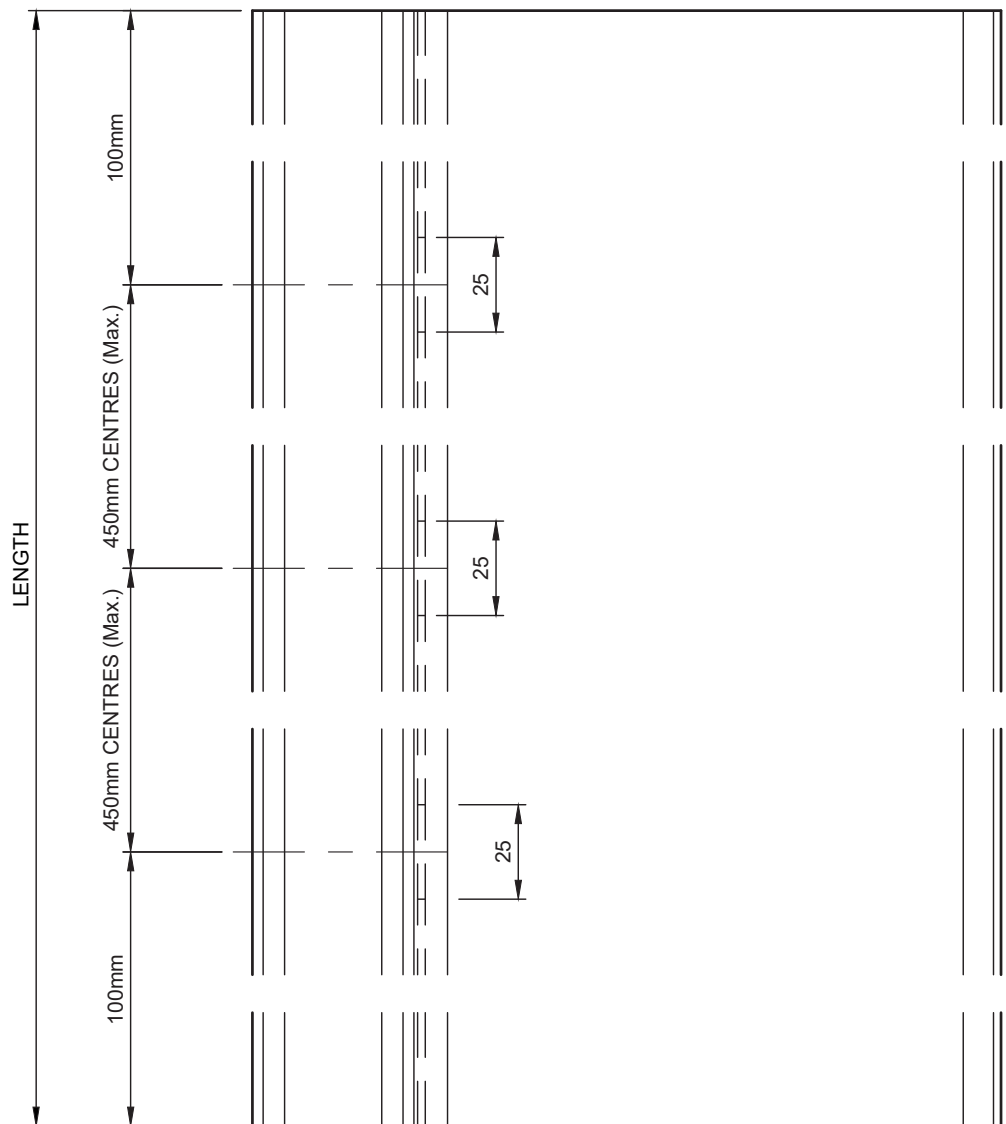
AD809 150mm Flush Grate Sill Slotting



NOTE: SLOTTED BY FABRICATOR

10. Manufacturing Details

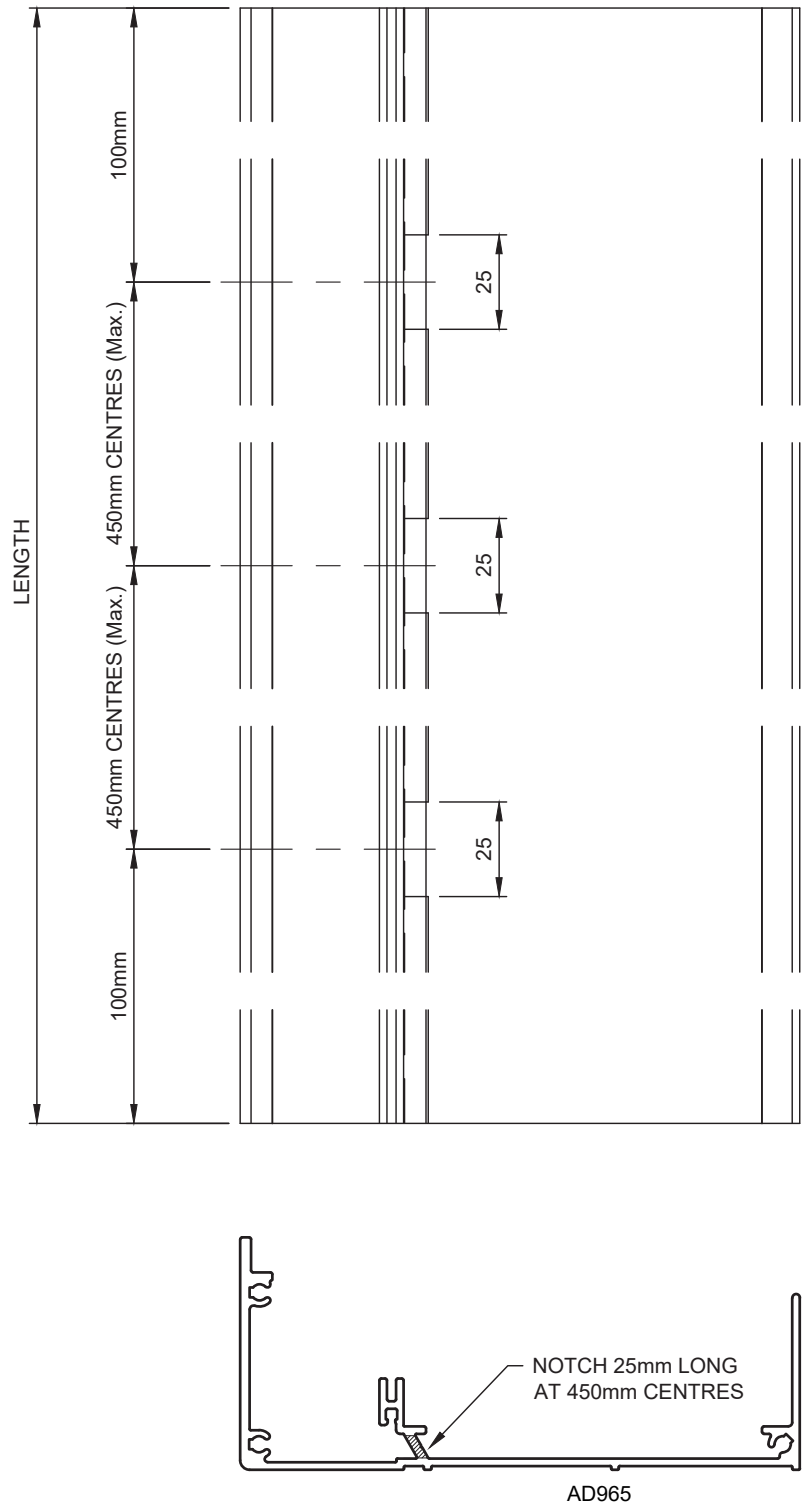
AD960 150mm Flush Grate Sill (ProGlide) Slotting



NOTE: SLOTTED BY FABRICATOR

10. Manufacturing Details

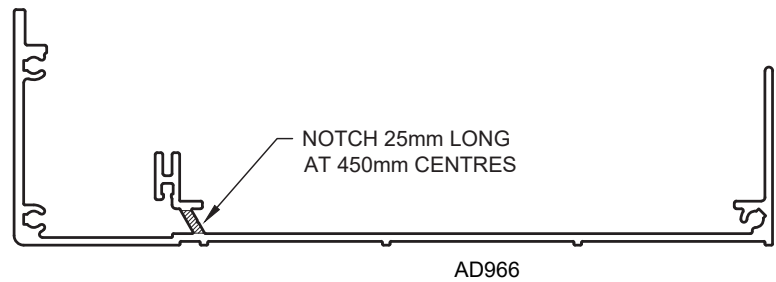
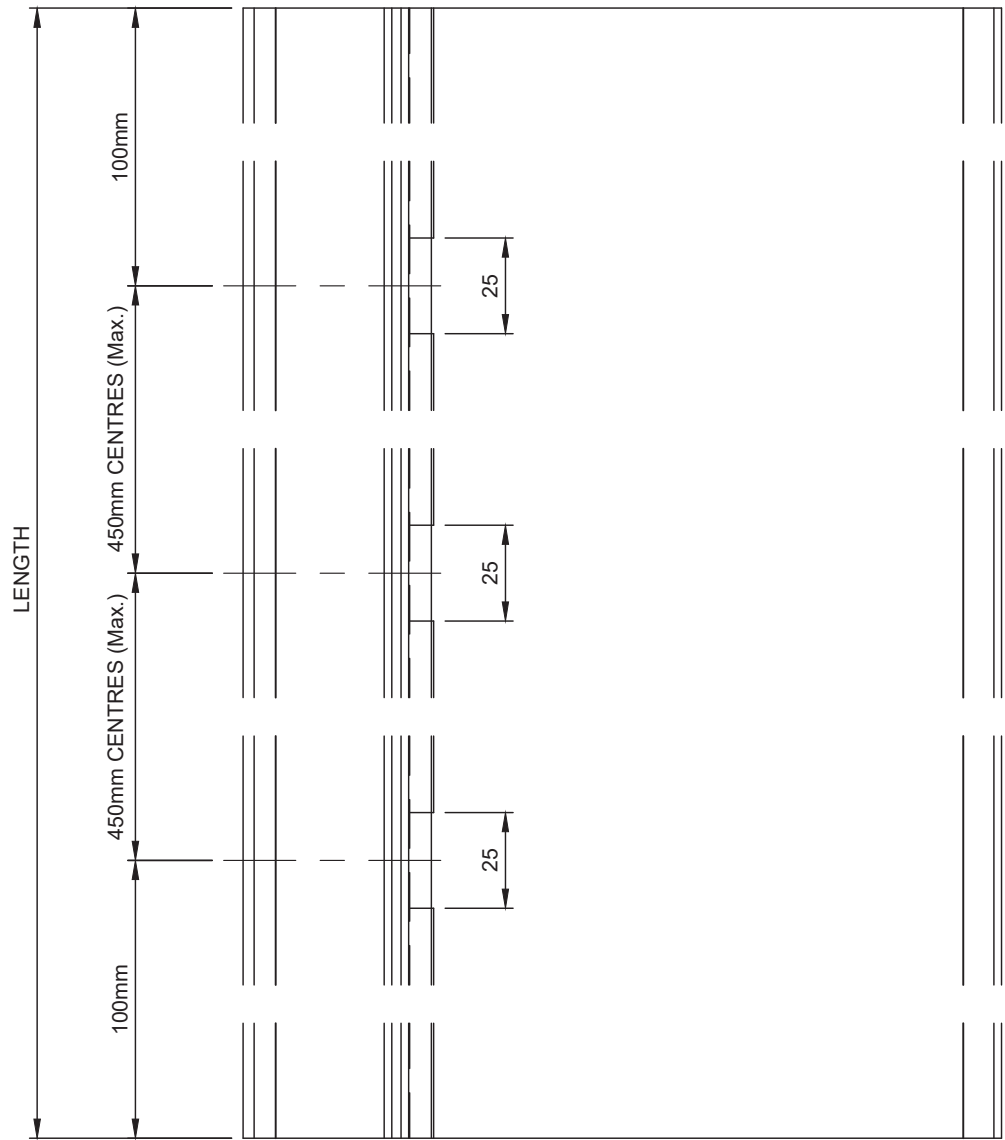
AD965 100mm Flush Grate Sill (ProGlide) Slotting



NOTE: SLOTTED BY FABRICATOR

10. Manufacturing Details

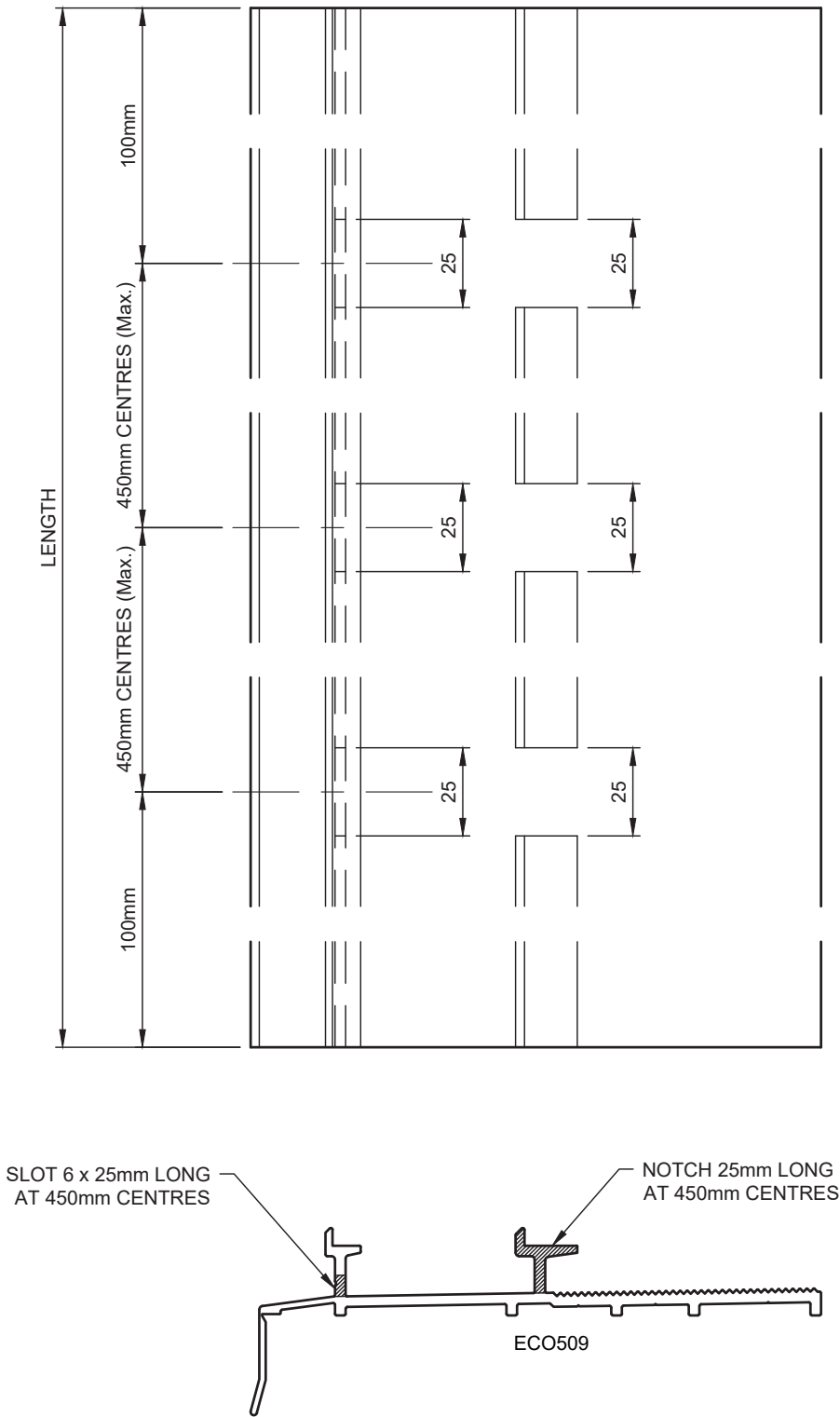
AD966 150mm Flush Grate Sill (ProGlide) Slotting



NOTE: SLOTTED BY FABRICATOR

10. Manufacturing Details

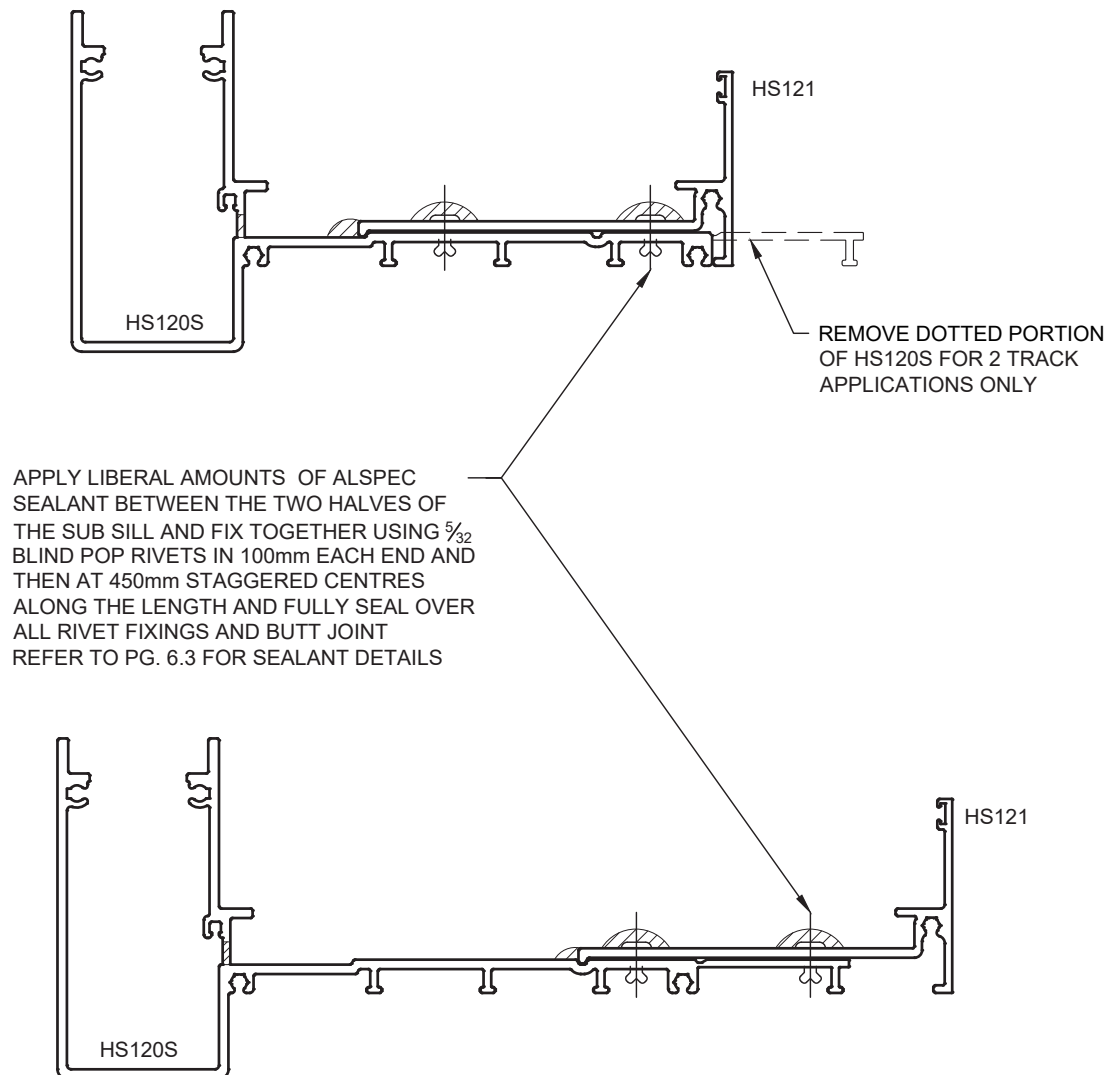
ECO509 225mm Extendable Sub Sill Front (Wide Pocket) Slotting



NOTE: SLOTTED BY FABRICATOR

10. Manufacturing Details

HS120S and HS121 2 Part Flush Grate Sill Preparation (Hawkesbury Top Hung)



11. Assembly Details

AS106E Sub Sill End Stop Sealing Details

AS106E Sub Sill End Cap is a purpose designed component reducing labour time required for the installation and sealing of AS106S Sub Sill.

Installation time is less than 1 minute per end, with no cutting in of trim angles required.

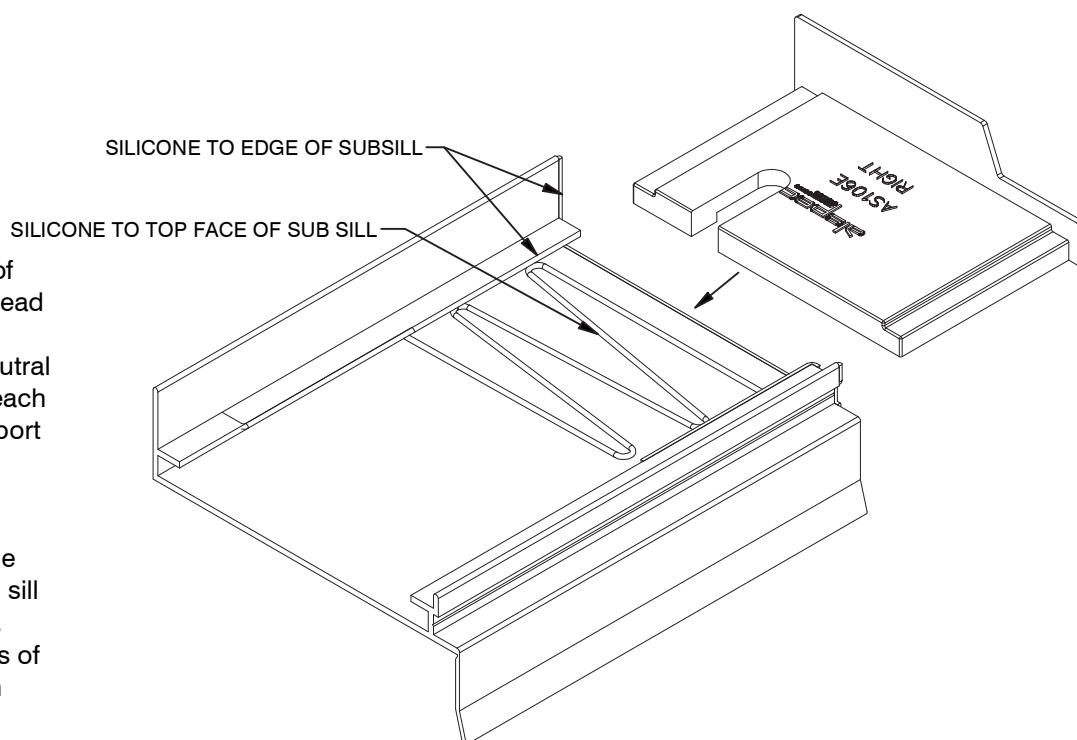
AS106E End Cap eliminates blow back behind jambs and end walls, also eliminating unnecessary call backs to site to rectify sub sill leaks.

AS106E is available as a set with 1 left and 1 right end.

Step 1.

Starting from the end of the sub sill, run a full bead of silicone (general purpose non acetic neutral cure) 70mm long, on each side under the sill support legs.

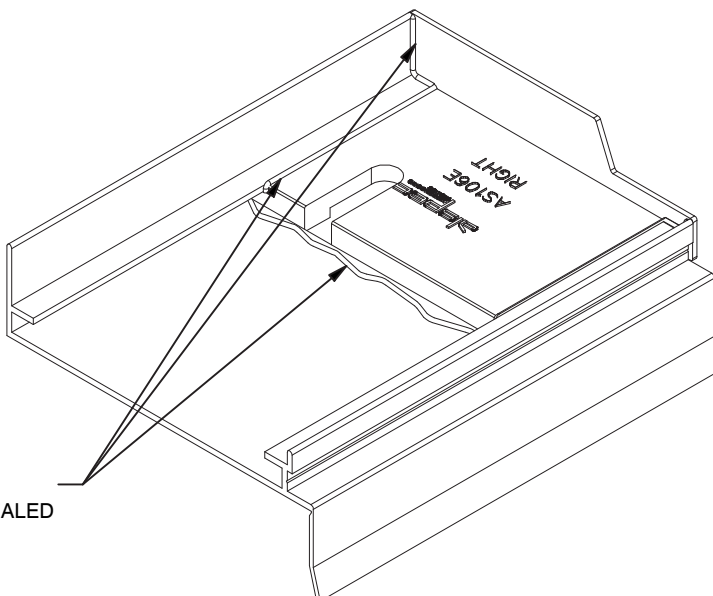
Run a close zig zag pattern bead across the bottom face of the sub sill 70mm in from the end. Apply silicone to edges of the subsill as shown in detail opposite.



Step 2.

Insert the sub sill endcap into the sub sill and push home. Ensure the silicone has completely sealed off the end of the sub sill. Wipe away any excess silicone making sure that the top face of the end cap and the sill support legs are free of silicone build up.

WIPE AWAY ANY EXCESS SILICONE
ENSURING ALL FACES ARE FULLY SEALED



11. Assembly Details

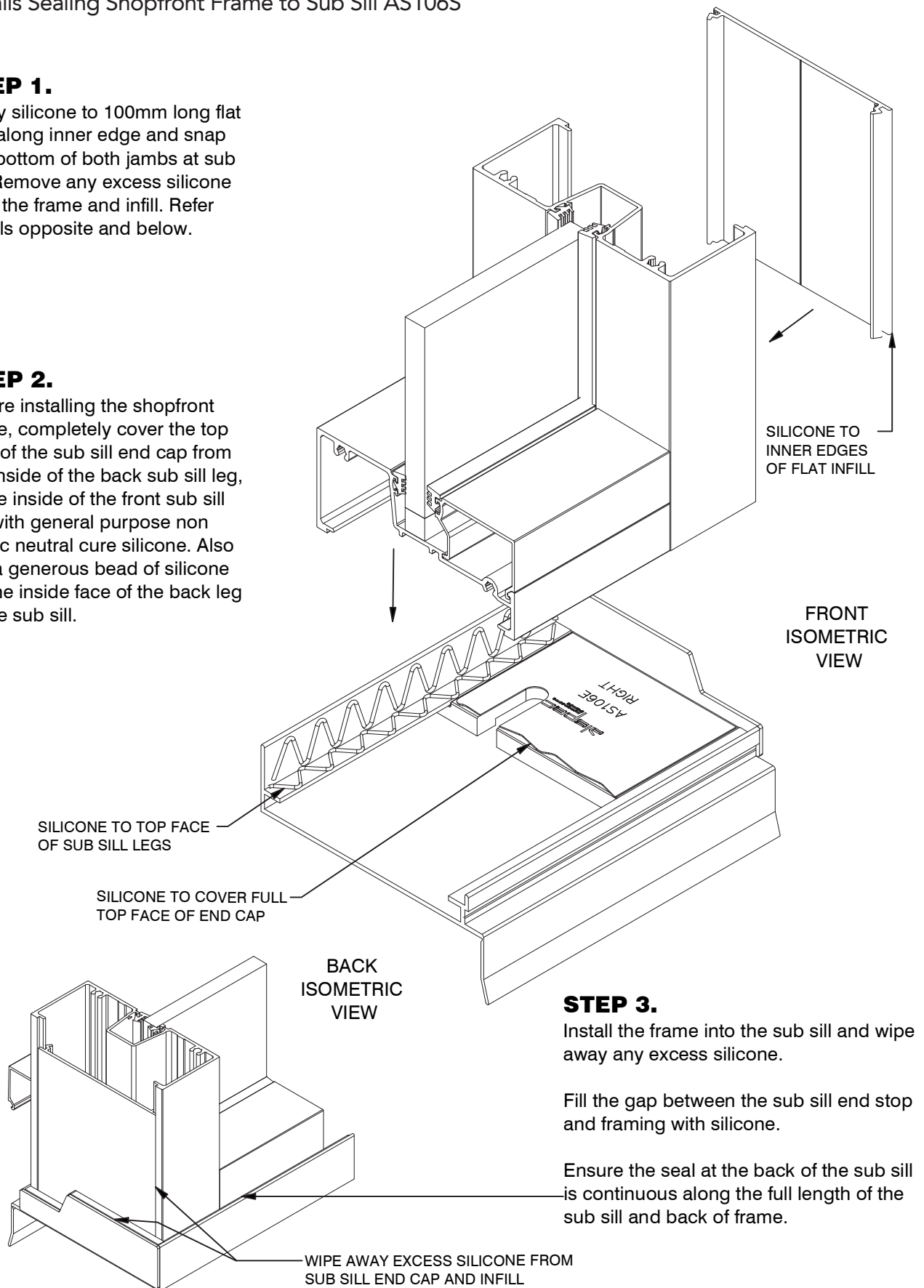
Details Sealing Shopfront Frame to Sub Sill AS106S

STEP 1.

Apply silicone to 100mm long flat infill along inner edge and snap into bottom of both jambs at sub sill. Remove any excess silicone from the frame and infill. Refer details opposite and below.

STEP 2.

Before installing the shopfront frame, completely cover the top face of the sub sill end cap from the inside of the back sub sill leg, to the inside of the front sub sill leg with general purpose non acetic neutral cure silicone. Also run a generous bead of silicone up the inside face of the back leg of the sub sill.



STEP 3.

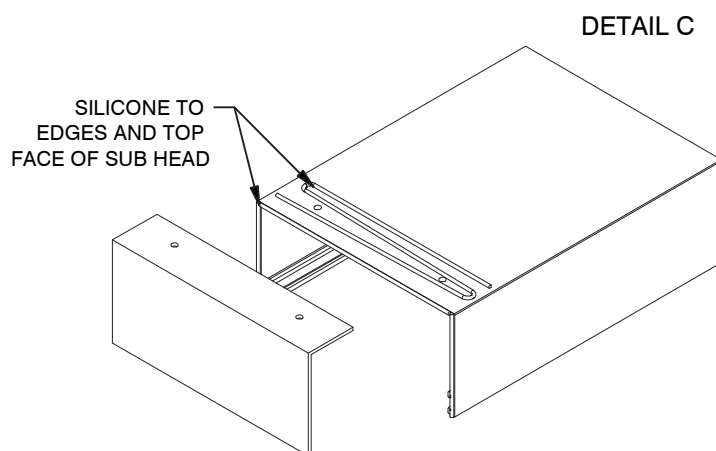
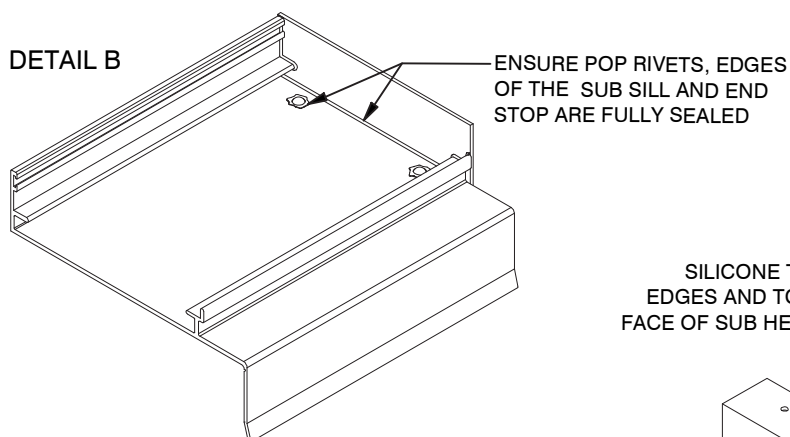
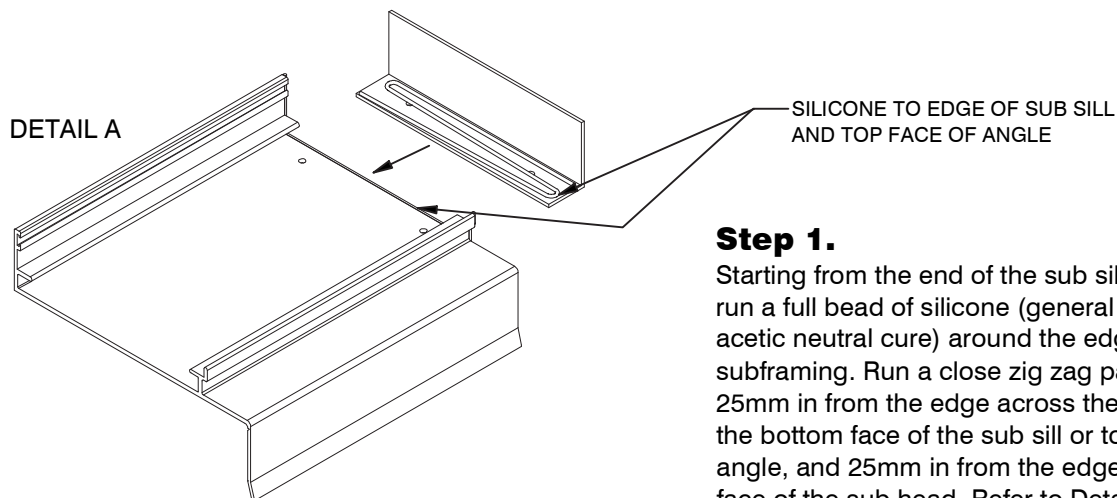
Install the frame into the sub sill and wipe away any excess silicone.

Fill the gap between the sub sill end stop and framing with silicone.

Ensure the seal at the back of the sub sill is continuous along the full length of the sub sill and back of frame.

11. Assembly Details

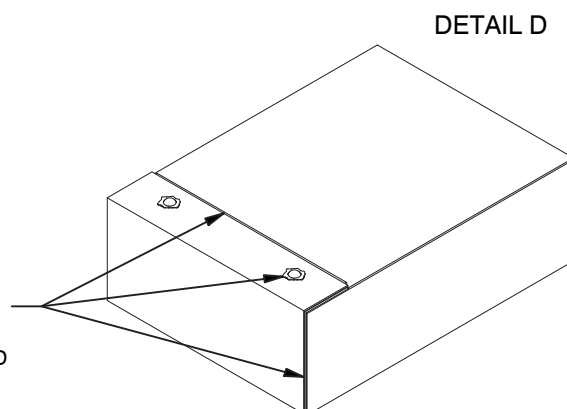
Angle End Stop Sealing Details for Sub Sill & Sub Head



Step 2.

Apply the sub sill angle end stop to the underside of the sub sill and push home. Alternatively apply the sub head angle endstop to the top face of the sub head and push home. Fix pop rivets and apply sealant over fixings. Tool in additional sealant to ensure all contact faces between the end stops and sub sill / sub head are fully sealed. Wipe away any excess silicone making sure the end stop and extrusions are free of silicone build up. Refer Details B and D.

ENSURE POP RIVETS AND EDGES OF SUB HEAD AND END STOP ARE FULLY SEALED



11. Assembly Details

Standard Detail - Sealing Frame to Sub Sill

Step 1.

Determine the sub sill required and refer to the relevant Seal Selection Chart. This chart will nominate what seal should be used with your Sub sill.

Before installing the sub sill, fit the nominated seal and angle stop ends. Refer page 11.3 for full installation and sealing details.

Step 2.

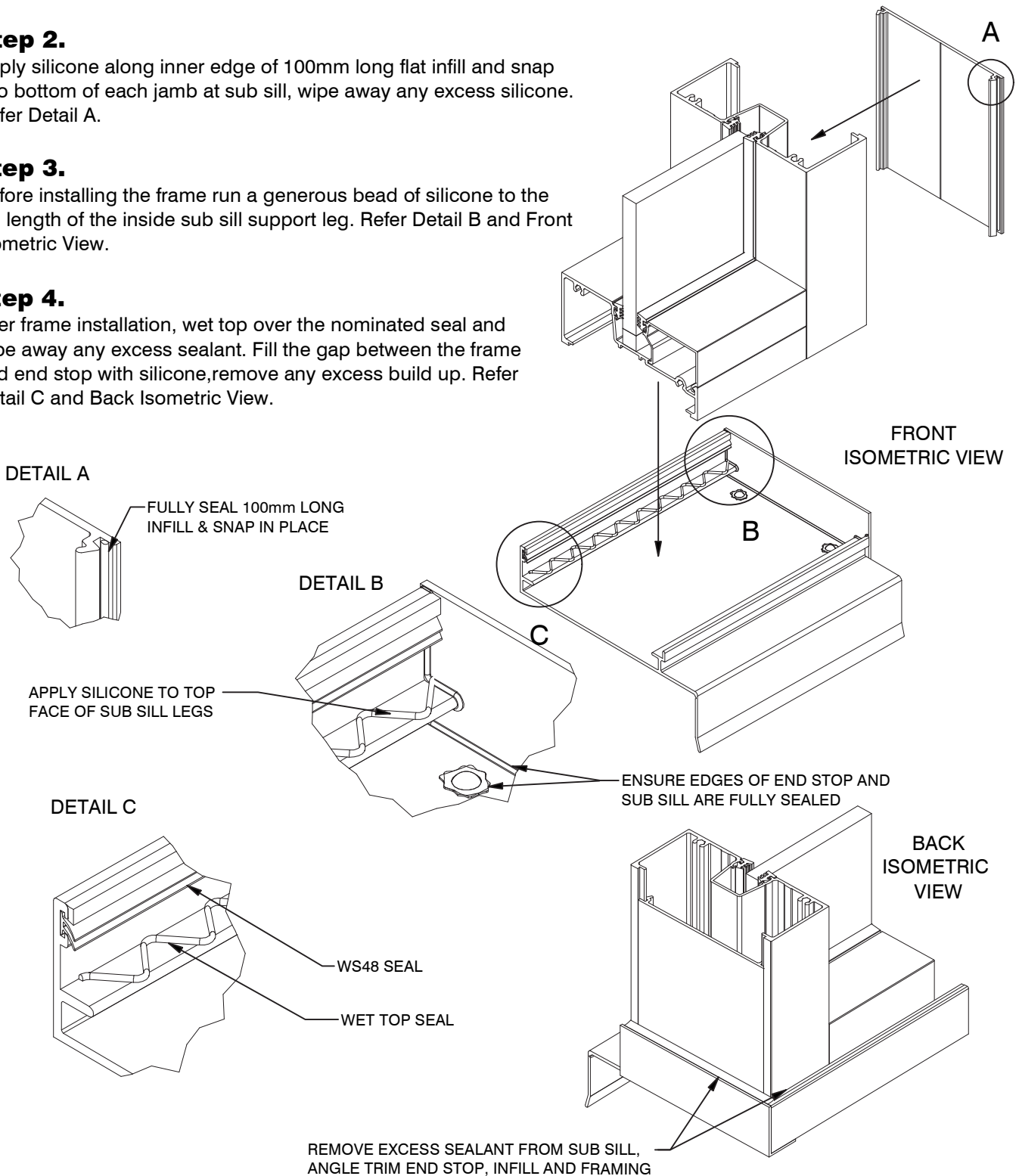
Apply silicone along inner edge of 100mm long flat infill and snap into bottom of each jamb at sub sill, wipe away any excess silicone. Refer Detail A.

Step 3.

Before installing the frame run a generous bead of silicone to the full length of the inside sub sill support leg. Refer Detail B and Front Isometric View.

Step 4.

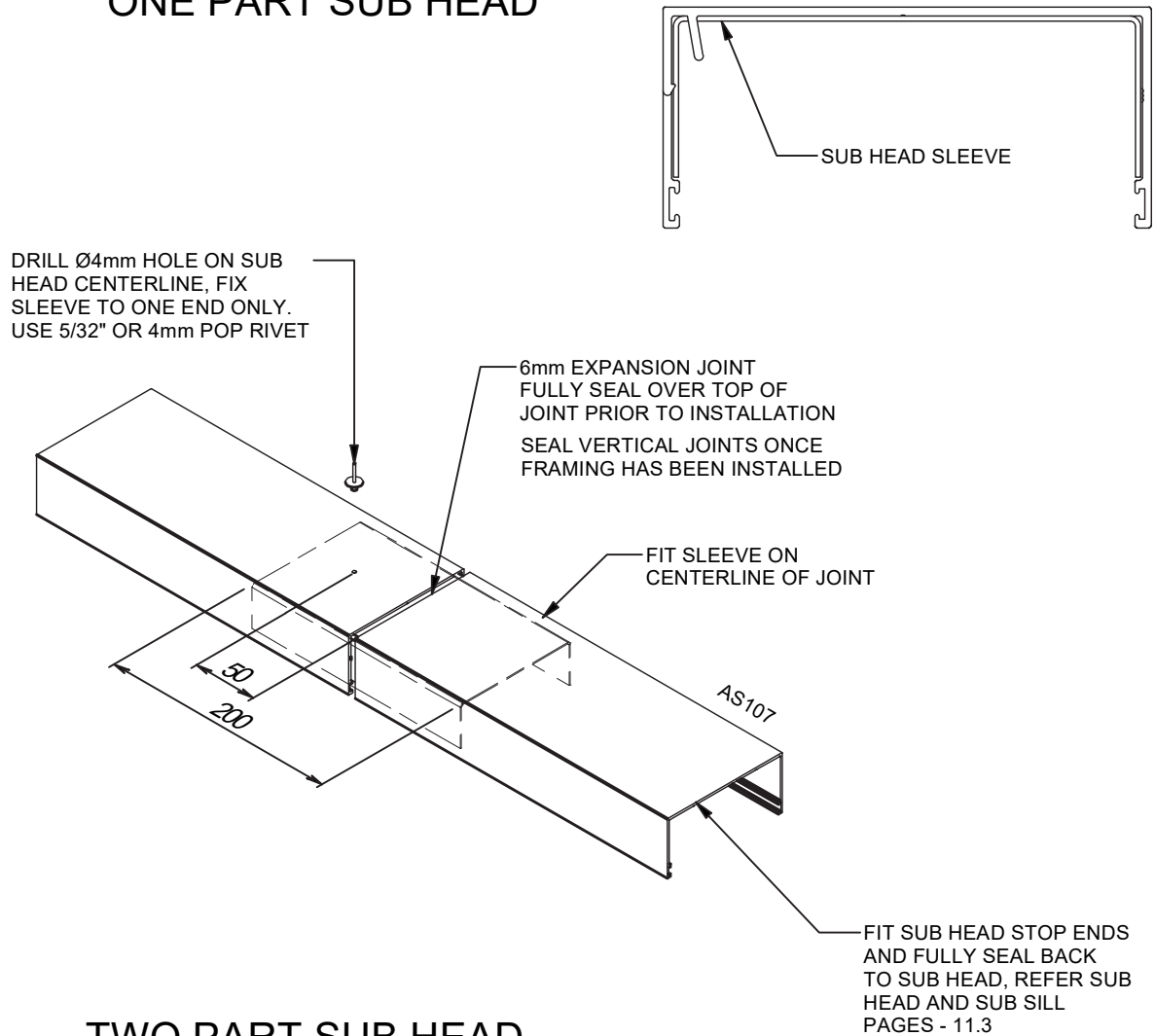
After frame installation, wet top over the nominated seal and wipe away any excess sealant. Fill the gap between the frame and end stop with silicone, remove any excess build up. Refer Detail C and Back Isometric View.



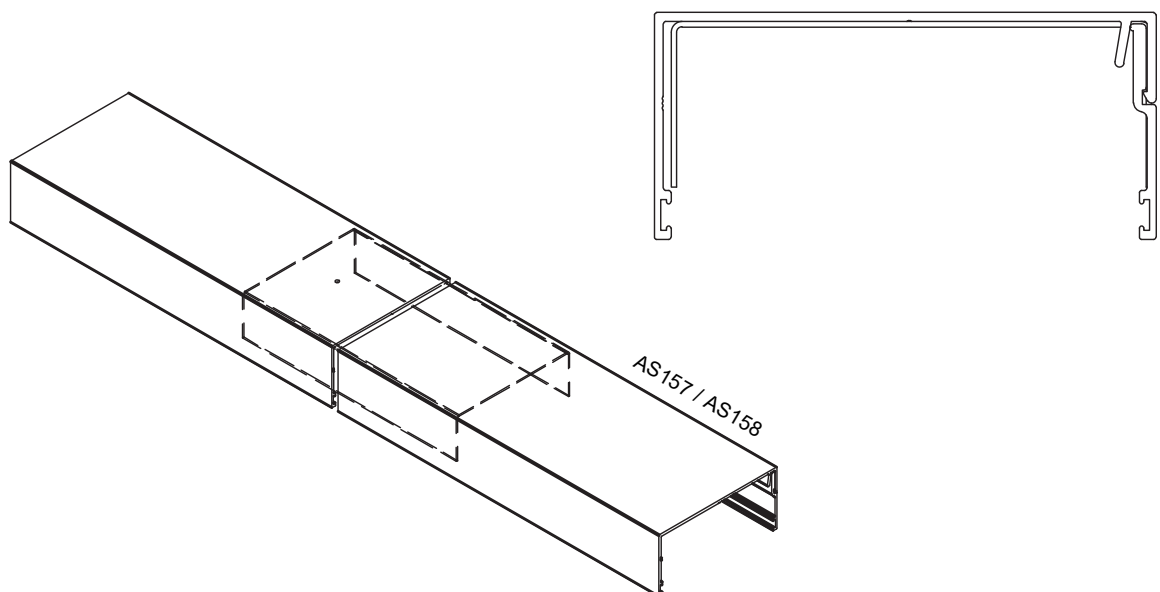
11. Assembly Details

Sub Head Expansion Joint Details

ONE PART SUB HEAD

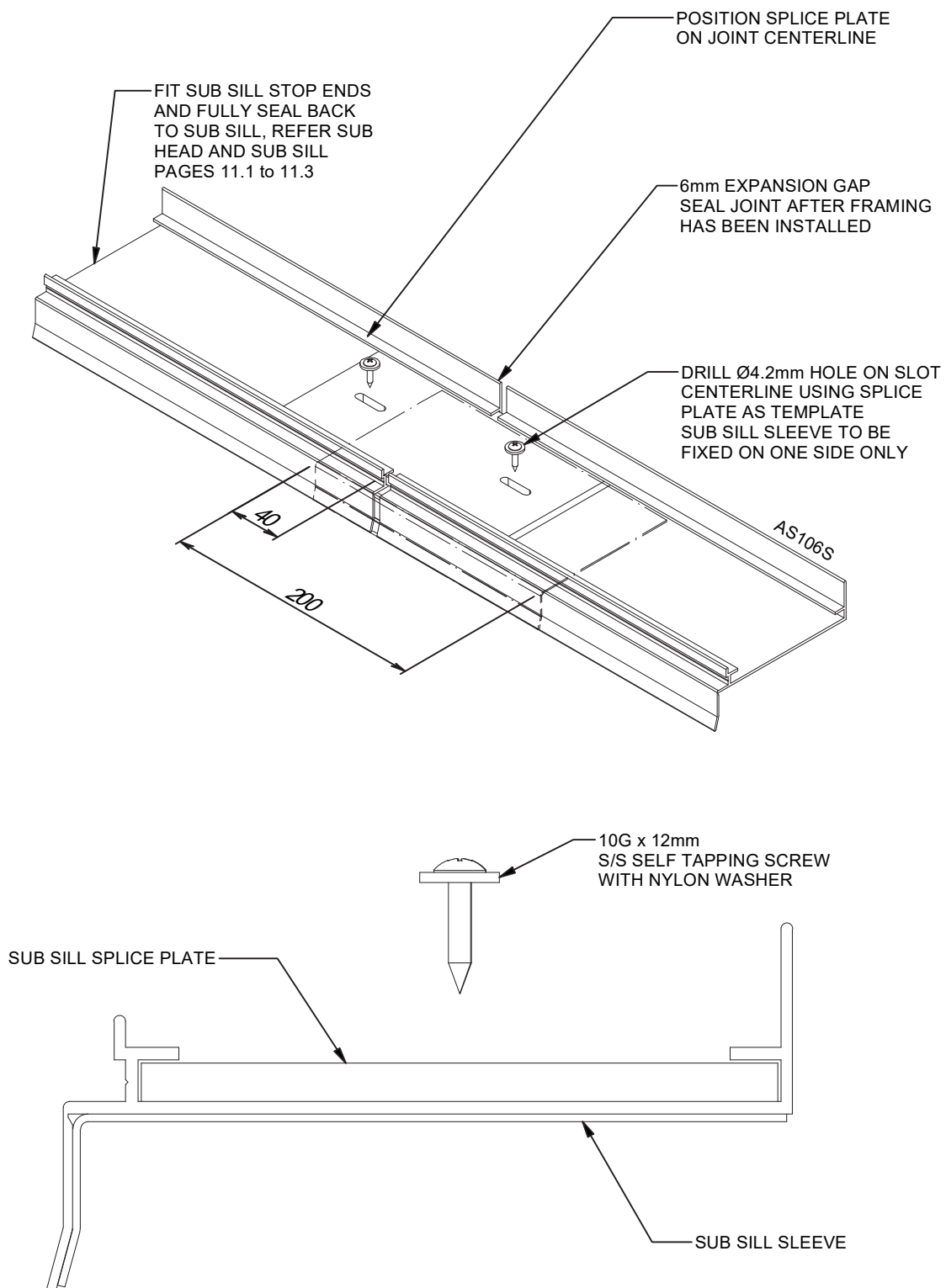


TWO PART SUB HEAD



11. Assembly Details

Sub Sill Expansion Joint Details



11. Assembly Details

Subframe Combo at Joint Location

IMPORTANT NOTE:
STRUCTURAL BRACKETS
REQUIRED AT EACH
MULLION CTR. AND AT
JOINT LOCATIONS

STRUCTURE AND BRACKET
CONNECTIONS SHOWN
INDICATIVELY ONLY.
BRACKET AND CONNECTION
TO BE ASSESSED BY
PROJECT ENGINEER

TYPICAL SLAB EDGE
CONNECTION DETAIL AT
SPLICE JOINT

CE5.5 BULB SEAL

CE12 SILL BAFFLE

SLIDE 150mm SUB SILL SPLICE
ACROSS JOINT AND FULLY
SEAL AROUND ALL EDGES
OF SPLICE TO ENSURE FULL
SEAL ACROSS JOINT

SILICONE SEAL
AROUND ENTIRE
JOINT

25 x 8mm DRAINAGE SLOTS
@ 600mm CTRS.

WS48 WHISKER
SEAL

REAR OF SYSTEM SLOTTED
TO ACCEPT STRUCTURAL BRACKET.
FULL SILICONE SEAL TO BE
APPLIED AROUND PENETRATION

SLIDE 150mm SUB HEAD SPLICE
ACROSS JOINT AND FULLY SEAL
AROUND ALL EDGES OF SPLICE
TO ENSURE FULL SEAL

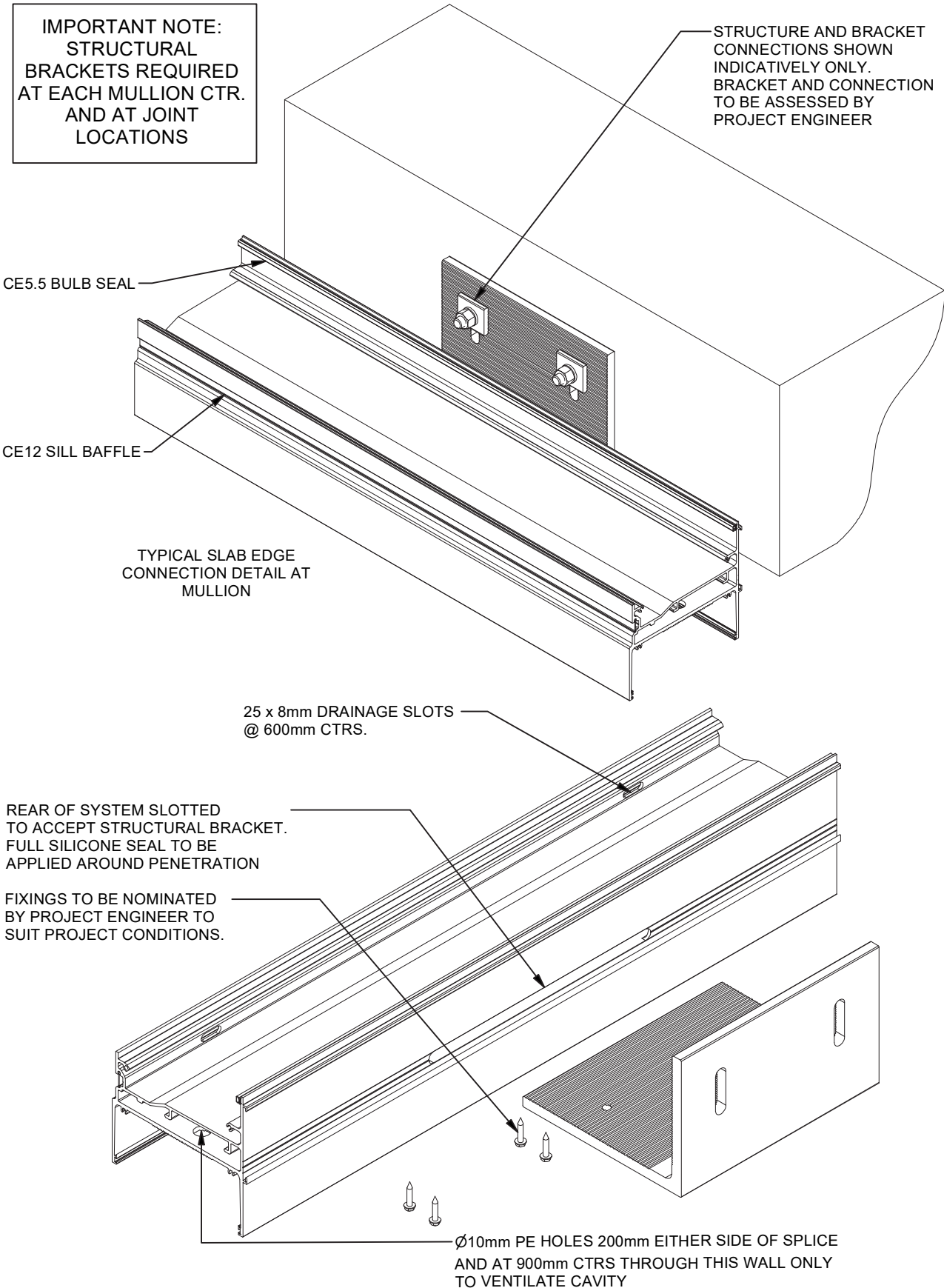
FIXINGS TO BE NOMINATED BY PROJECT
ENGINEER TO SUIT PROJECT
CONDITIONS.

EXPLODED JOINT
CONNECTION

Ø10mm PE HOLES 200mm EITHER SIDE OF SPLICE
AND AT 900mm CTRS THROUGH THIS WALL ONLY
TO VENTILATE CAVITY

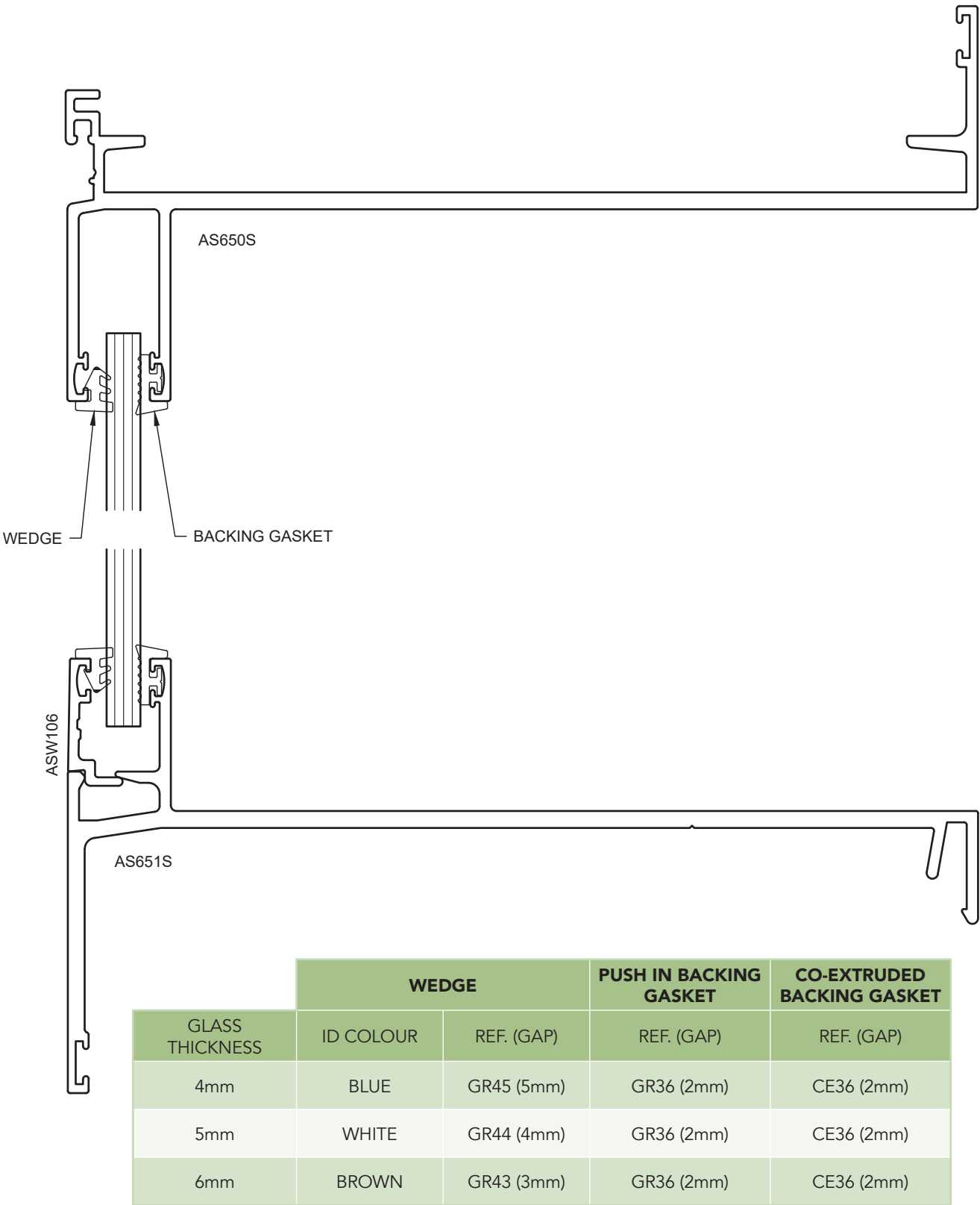
11. Assembly Details

Subframe Combo at Mullion Location



12. Glazing Details

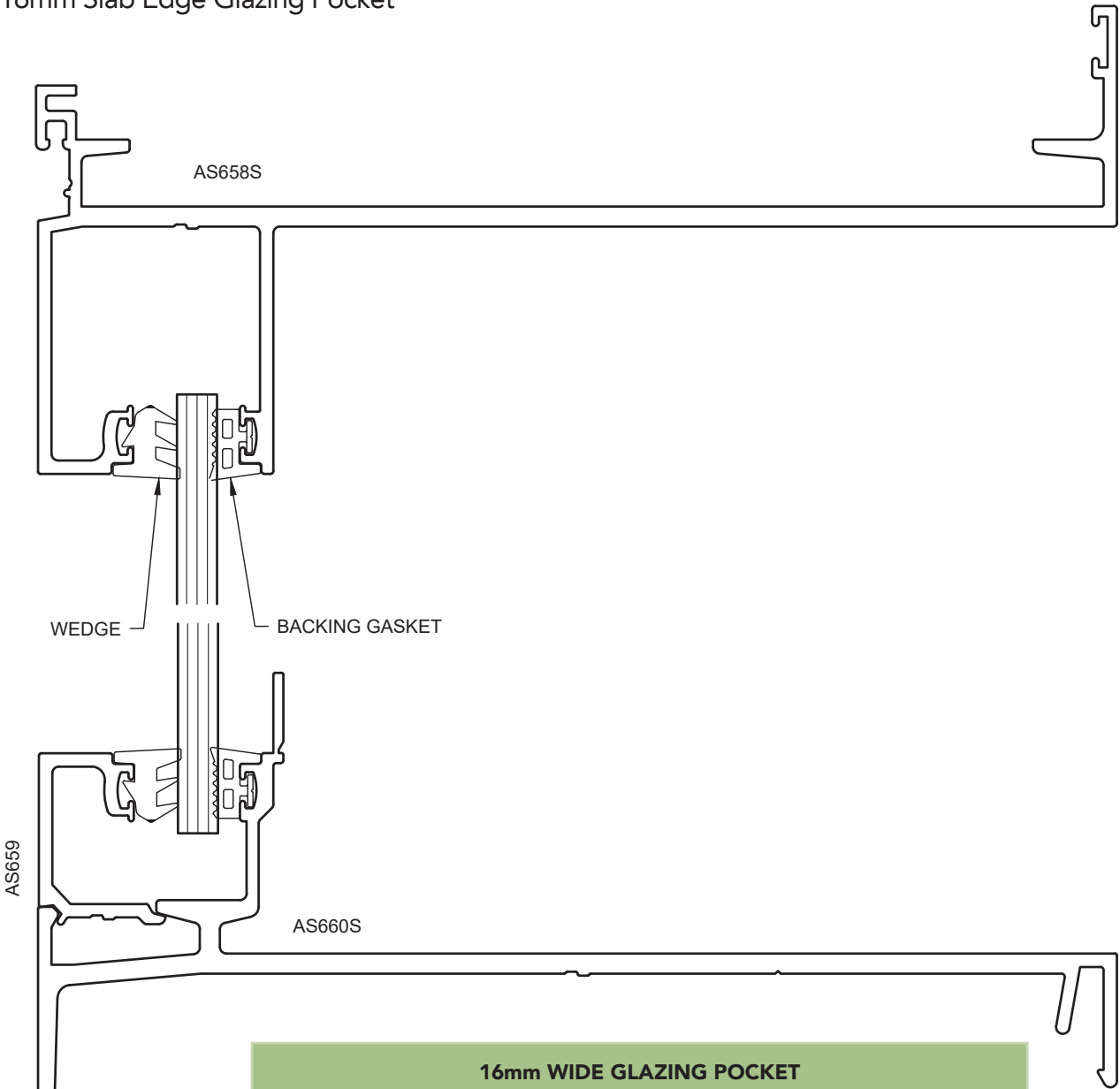
11mm Slab Edge Glazing Pocket



Note: For window & door systems requiring a co-extruded captive gasket on the external side of the glazed pocket, Santoprene is the recommended material to be applied.

12. Glazing Details

16mm Slab Edge Glazing Pocket



16mm WIDE GLAZING POCKET				
GLASS THICKNESS	WEDGE		PUSH IN BACKING GASKET	CO-EXTRUDED BACKING GASKET
	ID COLOUR	REF. (GAP)	REF. (GAP)	REF. (GAP)
4mm	YELLOW	GR46 (6mm)	GR49 (6mm)	CE49 (6mm)
5mm	BLUE	GR45 (5mm)	GR49 (6mm)	CE49 (6mm)
6mm	YELLOW	GR46 (6mm)	GR37 (4mm)	CE37 (4mm)
8mm	YELLOW	GR46 (6mm)	GR36 (2mm)	CE36 (2mm)
10mm	WHITE	GR44 (4mm)	GR36 (2mm)	CE36 (2mm)

Note: For window & door systems requiring a co-extruded captive gasket on the external side of the glazed pocket, Santoprene is the recommended material to be applied.

13. Care & Maintenance

FRAMING

Your new **Sub Heads & Sub Sills** 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 **Sub Heads & Sub Sills** frame will retain it's good looks and resist the elements for years to come.

The **Sub Heads & Sub Sills** 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 **Sub Heads & Sub Sills** 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 **Sub Heads & Sub Sills** 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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