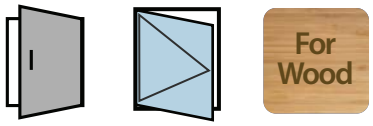
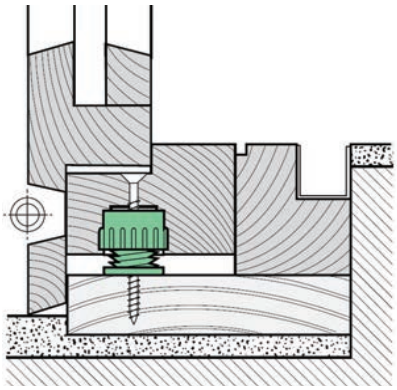
Framing Components Spacers, Gaskets, Cladding

Framing, Spacers & Cladding	Pages
Rapid Spacers	G-2 to G-3
Drip Rail	G-4
Swing Door Threshold	G-5
Gasketing	G-6 to G-7
Cladding Systems	G-8 to G-15
Cladding Gasketing	G-16





RAPID SPACERS FOR WOOD

For installation and adjustment of wood doors and windows, Rapid Spacers are faster, easier, more accurate and more cost-effective than the shims of yester-year.

- Rapid Spacers are profile-specific; more options are available. See Rapid Spacer Data Sheet for Wood before ordering, ask FFI for technical assitance if needed.
- Spacers serve as engineered, adjustable frame levelers
- Faster and more accurate installation than wood shims
- Reduced labor costs for installation and field service
- Cost effective with volume discounts available

More Options Available

See Rapid Spacer Data Sheets for full product offering

Rapid Spacers	Min. Frame Thickness	Details
RB501	1” (25mm)	Use 6mm set screw, use 5mm hex key
RB502	1-3/16” (30mm)	Use 6mm x 30mm set screw, use 5mm hex key
RB510	1” (25mm)	Use 7mm set screw, use 6mm hex key
RB511	1-3/16” (30mm)	Use 6mm set screw, use 8mm hex key
RB520	3/4” (20mm)	Use 6mm x 20mm set screw, use 5mm hex key

RB501 RB502 RB520

Optional Extra Distance Accessory	
RB505	Add additional 5mm to Rapid Spacer

RB510 RB511

Hexagonal T-Handle Hex Key - Required for installation	
RH004	5mm metric hex key, for RB501, RB502, RB520 spacers
RH008	6mm metric hex key, to adjust RB510 spacer after insertion
RH010	8mm metric hex key, to adjust RB511 spacer after insertion

More options available, see Rapid Spacer Data Sheet for Wood before ordering.

RB505

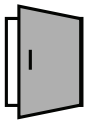
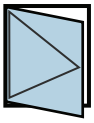
Drill Bits	
RP004	23mm metric drill bit, for spacer RB501
RP005	23mm metric drill bit, for spacer RB502
RP039	6 x 9.25mm metric drill bit, for spacer RB511
RP007	6mm drill bit insert (used with RP004 & RP005)
RP053	23mm basic drill bit for spacer RB520 (used with RP007)

More options available, see Rapid Spacer Data Sheet for Wood before ordering.

RH004

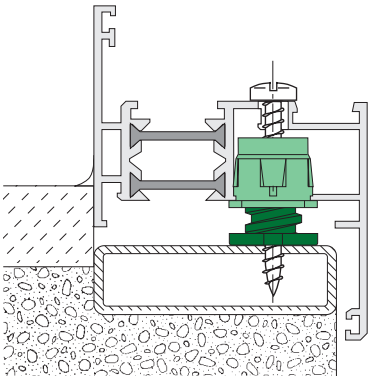
RP005 RP004

RP007

RAPID SPACERS FOR ALUMINUM & PVC/VINYL FRAMES

For installation and adjustment of Aluminum or PVC/vinyl doors and windows, Rapid Spacers are faster, easier, more accurate and more cost-effective than the shims of yester-year.



- Rapid Spacers are profile-specific; more options are available. See Rapid Spacer Data Sheet for Aluminum and/or Rapid Spacer Data Sheet for PVC before ordering, ask FFI for technical assitance if needed.
- Spacers serve as engineered, adjustable frame levelers
- Faster and more accurate installation than wood shims
- Reduced labor costs for installation and field service
- Cost effective with volume discounts available

More Options Available

See Rapid Spacer Data Sheets for full product offering

RB001 RB025

RB304

RB601 RB602 RB605

RB702 RB341

RH008

RP019

Series 40

For Aluminum or PVC frames

Item #	Article #
RB001	140.01
RB025	145.04
RB044	195.02
RB063	150.11

Series 400

For Aluminum or PVC frames

Item #	Article #
RB300	400.01
RB304	400.02
RB307	400.03

Series 600

For Aluminum frames

Item #	Article #
RB601	600.01
RB602	600.02
RB604	600.02/8
RB605	600.05
RB642	640 H 19

Series 600 Accessories

For Aluminum frames

Item #	Article #
RB630 (2.5mm)	600.99
RB631 (5mm)	600.98

RB630 shown

Series 700

For PVC frames

Item #	Article Code
RB702	700.02
RB705	700.05

Series 800

For Aluminum or PVC frames

Item #	Article #
RB341	800.01
RB342	800.02
RB345	800.05

Hexagonal T-Handle Hex Key - Required for installation

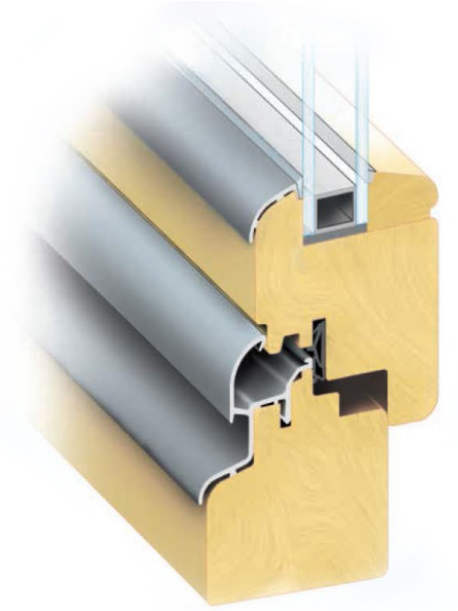
RH005	6mm x 140mm metric hex key
RH008	6mm x 190mm metric hex key
RH010	8mm x 285mm for 700 Series

More options available, see Rapid Spacer Data Sheet for Aluminum and Rapid Spacer Data Sheet for PVC before ordering.

Dual Diameter Drill Bits

RP019	7 / 16.3mm metric drill bit, for 600 & 700 series for aluminum
RP040	9 / 16.3mm metric drill bit for 700 Series for aluminum
RP041	9 / 16.3mm metric drill bit for 700 Series for PVC

For Aluminum

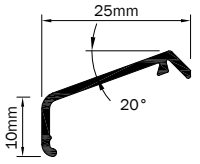


DRIP RAIL (DRAINAGE CHANNEL EXTRUSIONS)

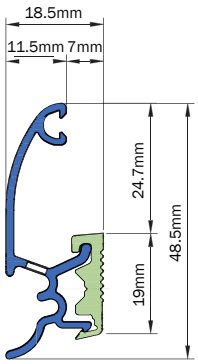
For installation on wood casement, tilt turn, awning and hopper windows.
Drip rail is profile-specific, more options are available. Some standard options are listed; ask FFI for technical assistance if needed.

Material	Drip Rail: Aluminum End Caps: Elastomer Thermoplastic
Finish	Dark Bronze anodized (White paint on request)
End cap colors	Brown (White on request)

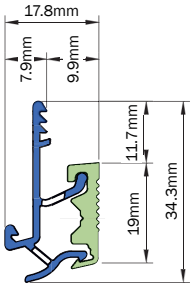
Part #	Details	Color
TA 376/1 BRW	End Caps (1 Pair)	Brown
CLI 376	Mounting Clip	
AL 464 DBR	Drip Rail	Dark Bronze
TA 464/2	End Caps (1 Pair)	Brown
AL 465 DBR	Drip Rail	Dark Bronze
AL 467 DBR	Drip Rail	Dark Bronze
TA 467/1	End Caps (1 Pair)	Brown
AL 492 DBR	Drip Rail	Dark Bronze
TS.M.2655.1	End Caps (1 Pair)	Brown
AL 726 DBR	Threshold	Dark Bronze
AL 729 DBR	Threshold	Dark Bronze
AL.3780 DBR	Drip Rail	Dark Bronze
TE.3785.1	10° End Caps (1 Pair)	Brown
TE.3785.2	15° End Caps (1 Pair)	Brown
TE.3785.5	End Caps (1 Pair)	Brown
AL.3760 DBR	Drip Rail	Dark Bronze
TE.3765.1	10° End Caps (1 Pair)	Brown
TE.3765.2	15° End Caps (1 Pair)	Brown
TE.3765.5	End Caps (1 Pair)	Brown
TE.3789	Clip	



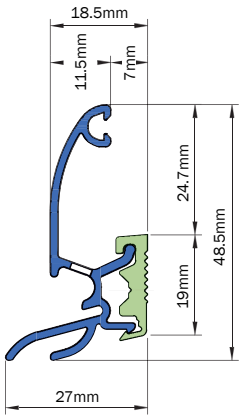
AL 376



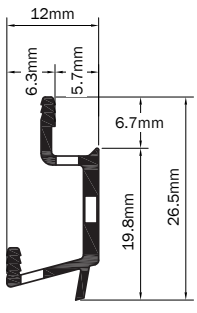
AL 464



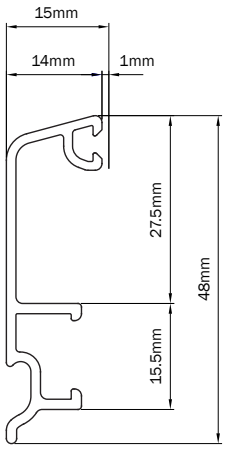
AL 465



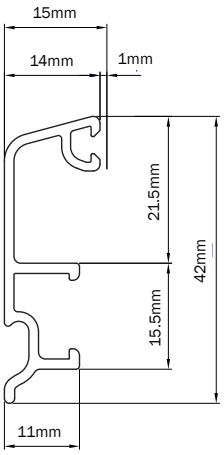
AL 467



AL 492



AL.3780



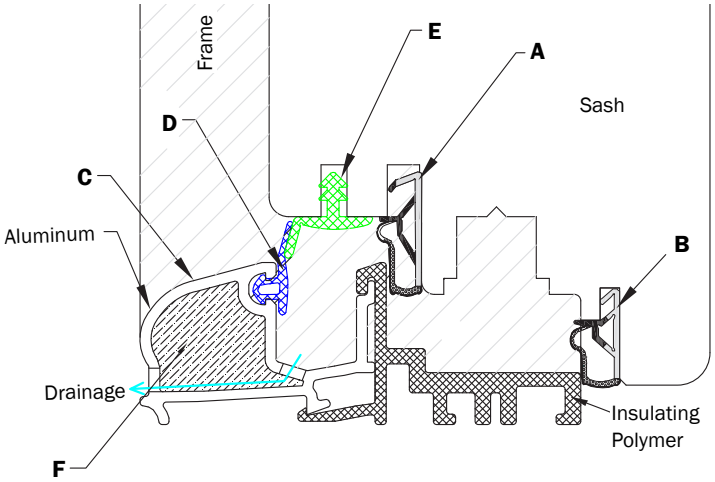
AL.3760

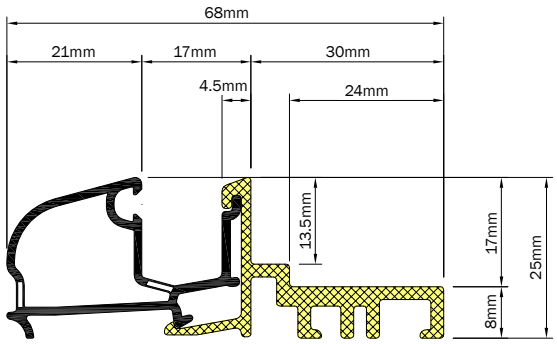
SWING DOOR THRESHOLD

For installation on European style wood exterior swing doors. Thresholds are profile-specific; ask FFI for technical assistance if needed.

Aluminum Finish	Dark Bronze anodized (White paint on request)
Gasket Color	Brown (White on request)

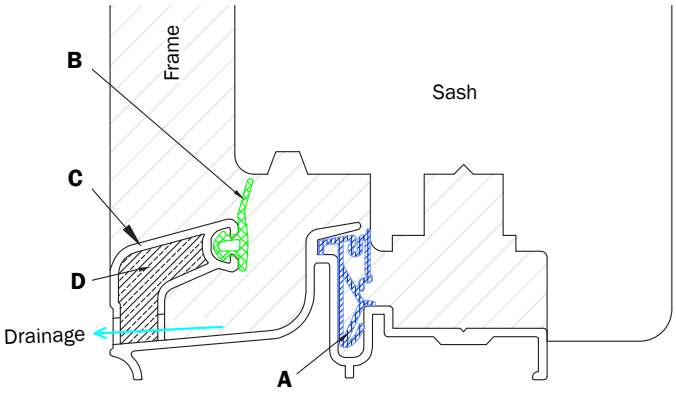
Part #	Fig.	Details	Color
AL 726 DBR	C	Threshold (Thermally Broken) 5 meter length	Dark Bronze
TA 726 BRW	F	End Caps (1 pair)	Brown
A 265 BRW	A	Gasket - 300 meter box	Brown
A 252 BRW	B	Gasket - 300 meter box	Brown
A 923 AC BLK	D	Gasket - 200 meter box	Black
A 907AC BRW	E	Gasket - 253 meter box	Brown

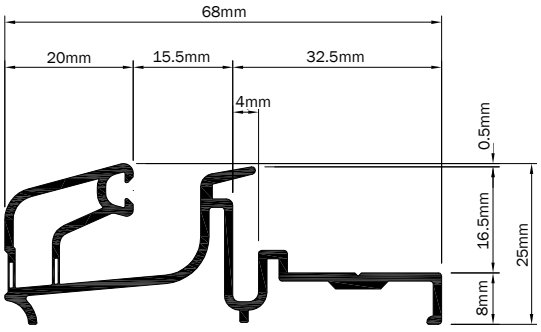




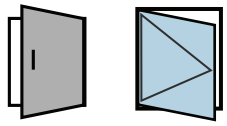
AL 726

Part #	Fig.	Details	Color
AL 729 DBR	C	Threshold - 5 meter length	Dark Bronze
TA 729 BRW	D	End Caps (1 pair)	Brown
A 258 BRW	A	Gasket - 250 meter box	Brown
A 923 AC BLK	B	Gasket - 200 meter box	Black





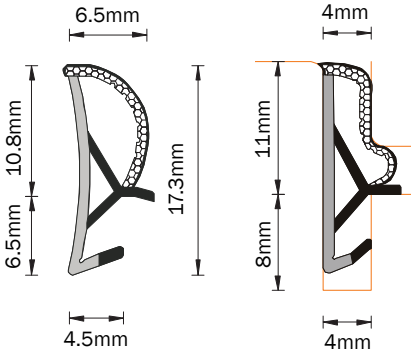
AL 729



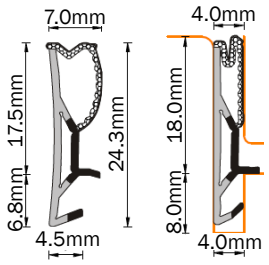
GASKETING

For installation on European style wood doors and windows. Coextruded thermoplastic for water or oil-based paints. More options are available; standard options are listed. Gaskets are profile-specific; ask FFI for technical assistance if needed.

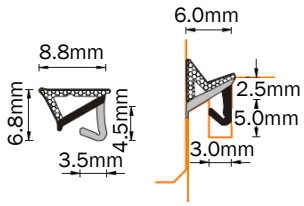
Material	TPE foam, EPDM or rubber
Origin	Italy



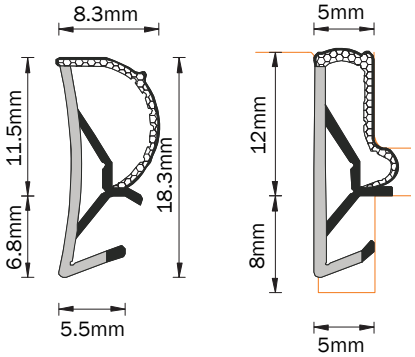
A 254 TPE-foam gasket



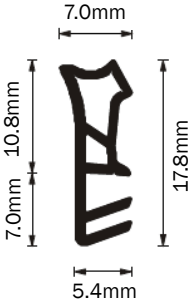
A 256 TPE-foam gasket



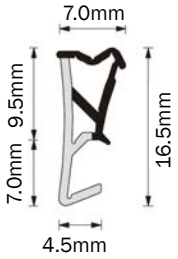
A 257 TPE-foam gasket



A 265 TPE-foam gasket



A 177 AC gasket



A 202 AC gasket

Primary Sash Gaskets

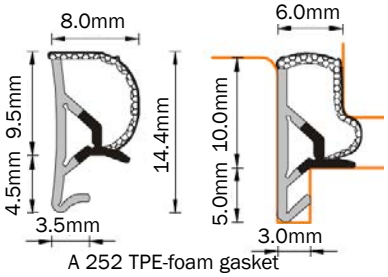
Part #	Kerf	Rabbet	Color	Case Quantity
A 254 BRW	4mm	11mm	Brown	1148ft (350M)
A 254 BLK	4mm	11mm	Black	1148ft (350M)
A 254 WHT	4mm	11mm	White	1148ft (350M)
A 256 BLK	4mm	18mm	Black	820ft (250M)
A 256 BRW	4mm	18mm	Brown	820ft (250M)
A 256 WHT	4mm	18mm	White	820ft (250M)
A 257 BLK	3mm	N/A	Black	1476ft (450M)
A 257 BRW	3mm	N/A	Brown	1476ft (450M)
A 257 WHT	3mm	N/A	White	1476ft (450M)
A 265 BRW	5mm	12mm	Brown	984ft (300M)
A 265 BLK	5mm	12mm	Black	984ft (300M)
A 265 WHT	5mm	12mm	White	984ft (300M)

Frame Gaskets

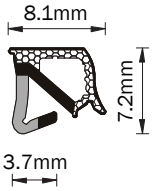
Part #	Color	Case Quantity
A 177 AC BRW	Brown	918ft (280M)
A 177 AC WHT	White	918ft (280M)
A 202 AC BRW	Brown	984ft (300M)
A 202 AC WHT	White	984ft (300M)
A 259 BLK	Black	1476ft (450M)
A 259 BRW	Brown	1476ft (450M)
A 259 WHT	White	1476ft (450M)

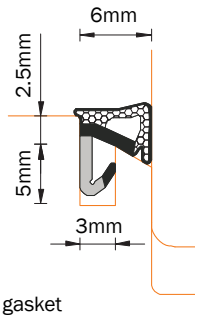
Sash Overlap (Secondary) Gaskets

Part #	Color	Case Quantity
A 252 BLK	Black	984ft (300M)
A 252 BRW	Brown	984ft (300M)
A 252 WHT	White	984ft (300M)
A 270 BLK	Black	1476ft (450M)
A 270 BRW	Brown	1476ft (450M)
A 270 WHT	White	1476ft (450M)

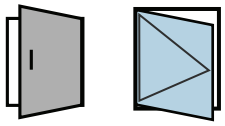


A 252 TPE-foam gasket





A 270 TPE-foam gasket



GASKETING

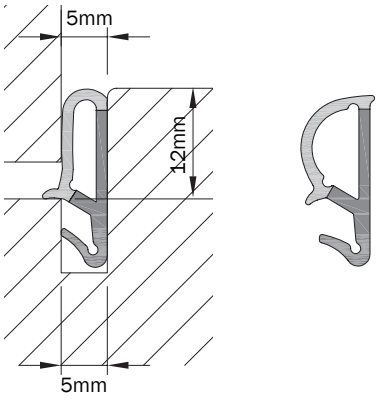
For installation on European style wood doors and windows. Coextruded thermoplastic for water or oil-based paints. More options are available; standard options are listed. Gaskets are profile-specific; ask FFI for technical assitance if needed.

Material TPE foam, EPDM or rubber

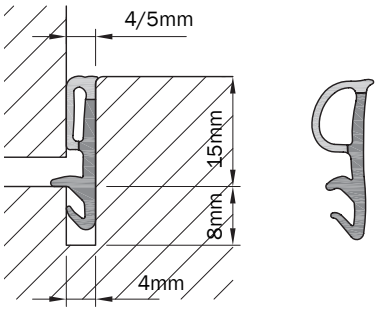
Origin Italy

Gaskets

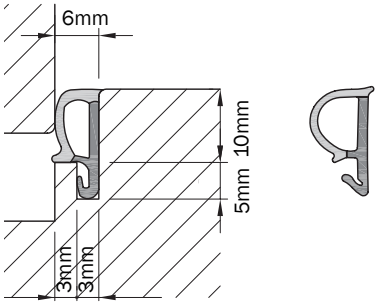
Part #	Material	Color	Case Quantity
GS 250M	EPDM	Brown	656ft (200M)
GS 060M	EPDM	Brown	656ft (200M)
GS 180M	EPDM	Brown	492ft (150M)
GT 30N	EPDM	Black	984ft (300M)
A39407.00.91	Rubber	White	262ft (80M)
A39407.00.94	Rubber	Brown	262ft (80M)



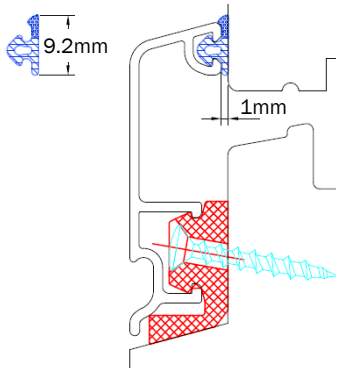
GS 250 EPDM Window Weatherseal



GS 060M EPDM Window Weatherseal



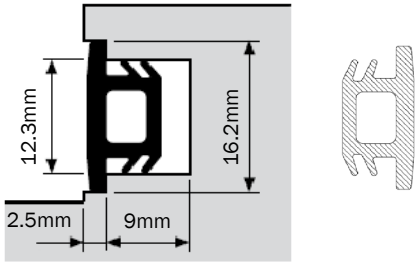
GS 180M EPDM Window Weatherseal



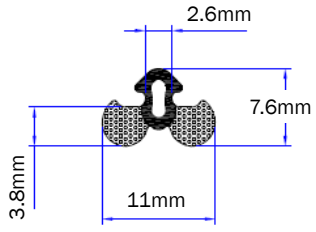
GT 30N EPDM gasket

Gaskets for Glass Seal

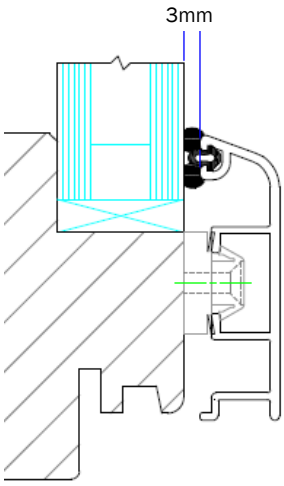
Part #	Material	Color	Case Quantity
GV 22N	EPDM	Black	656ft (200M)

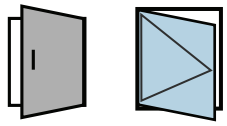


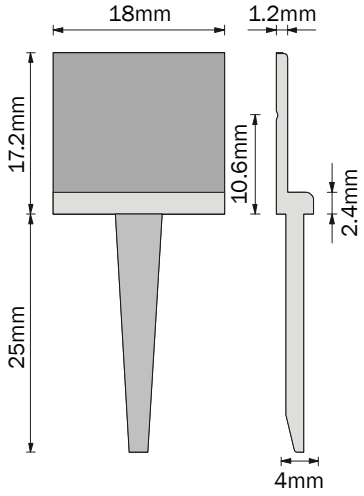
A39407.00.91 Fill-in gasket (16/12 eurogroove)



GV 22N EPDM Seal



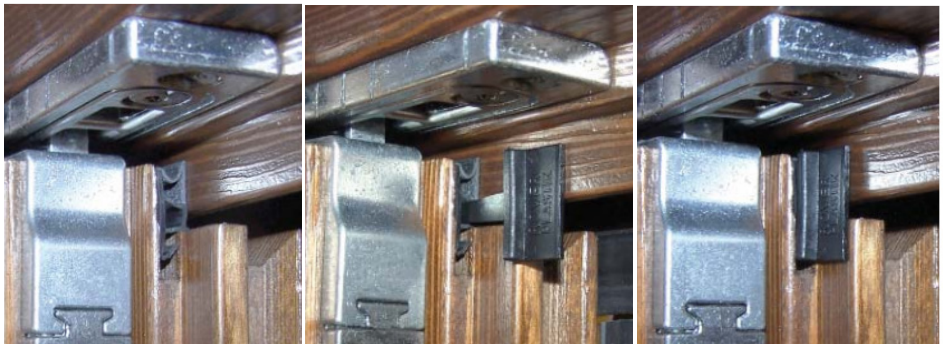




TA 18 Plastic gasket pin

Pins for Double Sashes

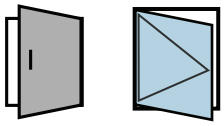
Part #	Description	Color
TA 18 BRW	Pin for gasket **A 265 BRW**	Brown
TA 18 WHT	Pin for gasket **A 265 WHT**	White
TA 18 BLK	Pin for gasket **A 265 BLK**	Black



GD.510

Tools

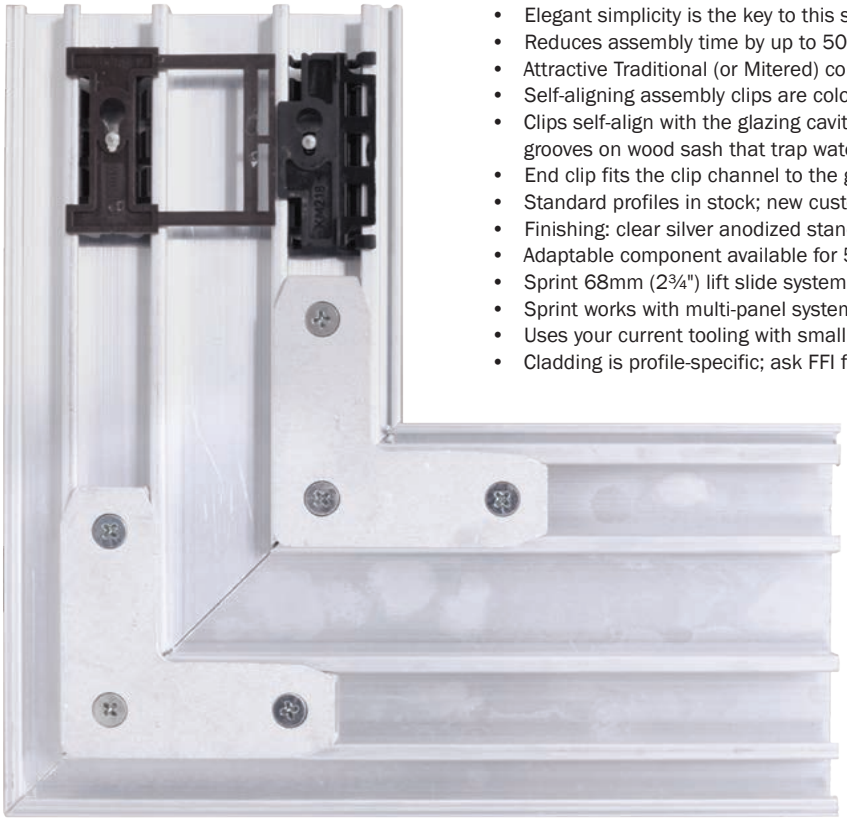
Part #	Description
GD.510	Steel scissors for 45° miter cut of gasket seals



SPRINT ALUMINUM CLADDING

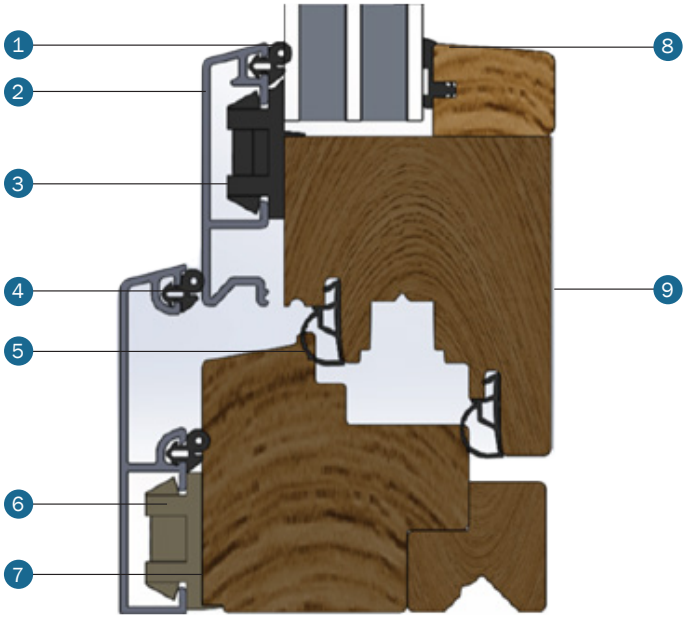
For European style wood-clad window and door frames
Extruded aluminum (not roll-form)

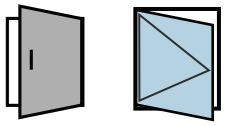
FFI cladding provides better breathability between wood sash and metal cladding compared to roll-form cladding, for a superior solution on no-maintenance windows and doors.



- Elegant simplicity is the key to this system
- Reduces assembly time by up to 50%
- Attractive Traditional (or Mitered) corner joinery made easy
- Self-aligning assembly clips are color-coded to correspond with various cladding profiles
- Clips self-align with the glazing cavity with no measuring (eliminates need for cutting grooves on wood sash that trap water)
- End clip fits the clip channel to the glazing
- Standard profiles in stock; new custom profiles 8-12 week average lead time
- Finishing: clear silver anodized standard; other finishes available with MOQ
- Adaptable component available for 58-94mm lift slide panels
- Sprint 68mm (2¾") lift slide system is compatible with AGB Uni-V and Climatech systems
- Sprint works with multi-panel systems (while competitors are limited to 2 panels)
- Uses your current tooling with small adjustments
- Cladding is profile-specific; ask FFI for technical assistance

1. Glass seal, co-extruded, allows clean fitting without corner joints
2. Angled profile provides elegant contemporary design
3. Self-aligning color coded fixing clips for easy assembly
4. Co-extruded seal inside the frame material allows fitting without corner joints
5. Co-extruded seal between frame and sash profiles
6. Drainage opening efficiently releases water to the outside
7. Self-aligning color coded fixing clips for easy assembly
8. Seal between sash and glass
9. Sash and frame can have uniform thickness of wood

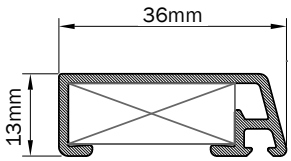




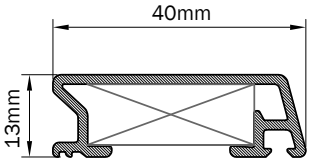
ALUMINUM CLADDING PROFILES (13MM THICK)

Representative profiles shown, additional profile options are available.

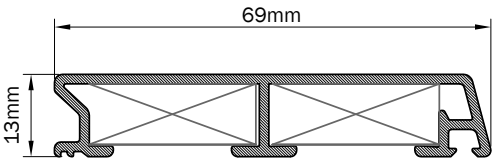
Part #	Description	Material
K036.130	Cladding Profile 36x13mm	Aluminum
K045.130	Cladding Profile 45x13mm	Aluminum
K051.130	Sprint Cladding Profile 51x13mm for TT sash	Aluminum
K069.130	Cladding Profile 69x13mm	Aluminum
K090.130	Cladding Profile 90x13mm	Aluminum
K110.130	Sprint Cladding Profile 110x13mm for LS panel	Aluminum



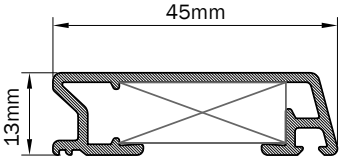
K036.130
Requires (1) KSQ260000 Corner Bracket
See Page G-15



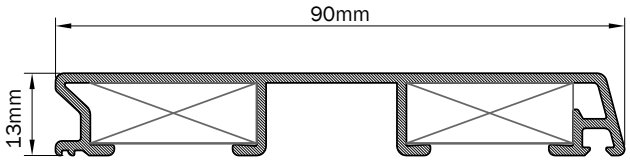
K040.130
Requires (1) KSQ260000 Corner Bracket
See Page G-15



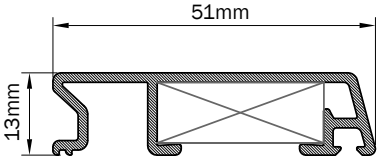
K069.130
Requires (1) KSQ260000 Corner Bracket. See Page G-15



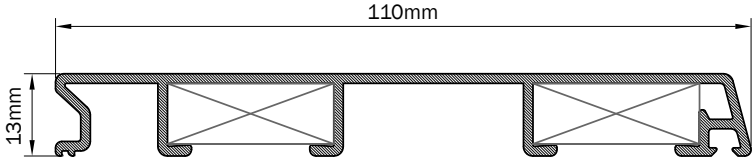
K045.130
Requires (1) KSQ260000 Corner Bracket
See Page G-15



K090.130
Requires (2) KSQ260000 Corner Bracket. See Page G-15

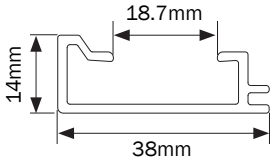


K051.130
Requires (1) KSQ260000 Corner Bracket
See Page G-15



K110.130
Requires (1) KSQ260000 Corner Bracket. See Page G-15

Part #	Description	Material
AF.38.3100.C	Cladding FFI profile 3100mm, aluminum clear anodized	Aluminum
AF.38.4000.C	Cladding FFI profile 4000mm, aluminum clear anodized	Aluminum
K040.130	Sprint Cladding Profile for TT small sash, LS interlock, OS case frame	Aluminum

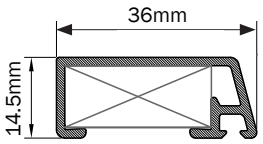


AF.38.XXXX.C

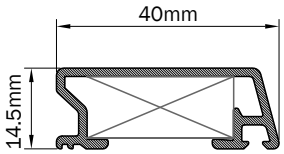
ALUMINUM CLADDING PROFILES (14.5MM THICK)

Representative profiles shown, additional profile options are available.

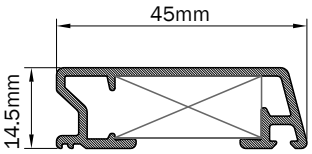
Part #	Description	Material
K036.145	Cladding Profile 36x14.5mm	Aluminum
K040.145	Cladding Profile 40x14.5mm	Aluminum
K045.145	Cladding Profile 45x14.5mm	Aluminum
K051.145	Cladding Profile 51x14.5mm, 90 degree joint overlap	Aluminum
K069.145	Cladding Profile 69x14.5mm 90 degree joint overlap	Aluminum
K090.145	Cladding Profile 90x14.5mm	Aluminum
K110.145	Cladding Profile 110x14.5mm 90 degree joint overlap	Aluminum



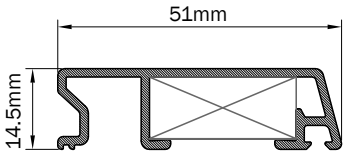
K036.145
Requires (1) KSQ260000 Corner Bracket
See Page G-15



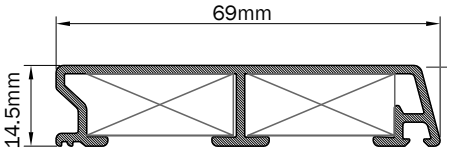
K040.145
Requires (1) KSQ260000 Corner Bracket
See Page G-15



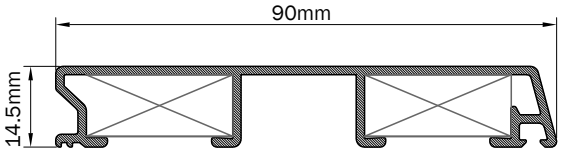
K045.145
Requires (1) KSQ260000 Corner Bracket
See Page G-15



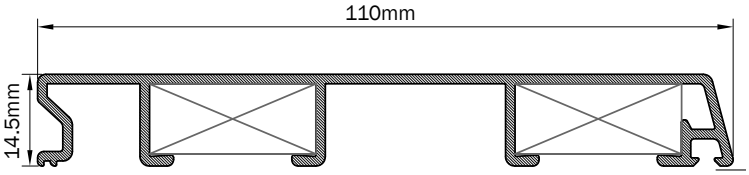
K051.145
Requires (1) KSQ260000 Corner Bracket
See Page G-15



K069.145
Requires (2) KSQ260000 Corner Bracket
See Page G-15



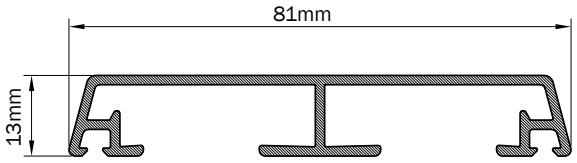
K090.145
Requires (2) KSQ260000 Corner Bracket
See Page G-15

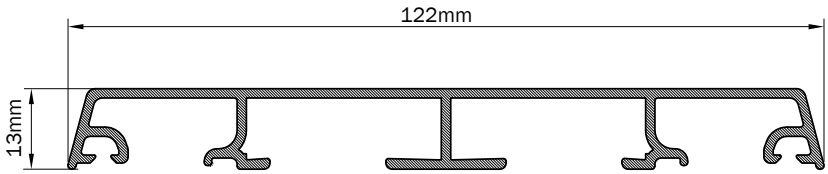


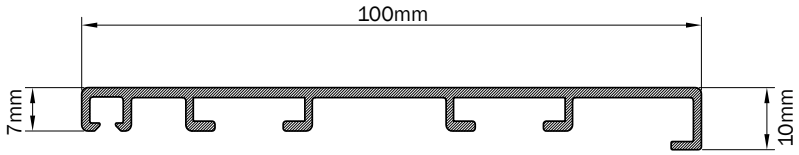
K110.145
Requires (2) KSQ260000 Corner Bracket
See Page G-15

ALUMINUM INTERMEDIATE PROFILES

Representative profiles shown, additional profile options are available.



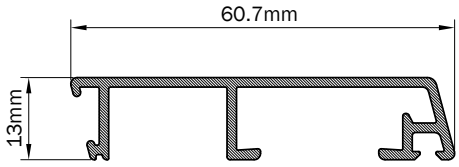


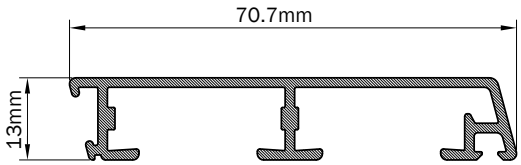


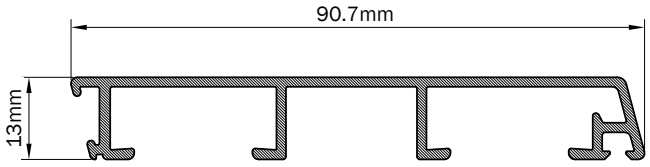
Part #	Description	Material
K081.130	Cladding Intermediate Profile 81x13mm, for post configuration	Aluminum
K122.130	Cladding Intermediate Profile 122x13mm	Aluminum
A100.100	Cladding Additional Profile 100x10x7mm	Aluminum

ALUMINUM STACKING PROFILES

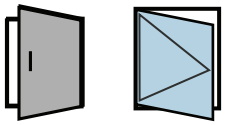
Representative profiles shown, additional profile options are available.





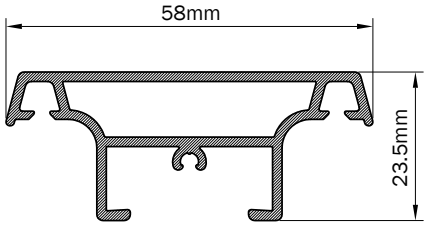


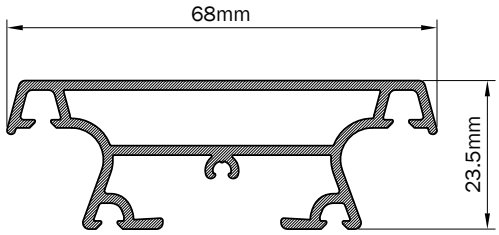
Part #	Description	Material
K061.130	Cladding Stacking Profile, 60.7x13mm for LS frame	Aluminum
K071.130	Sprint Cladding Stacking Profile 70.7x13mm for LS head frame 90 degree corner	Aluminum
K091.130	Sprint Cladding Stacking Profile 90.7x13mm	Aluminum



ALUMINUM CENTRAL PROFILES

Representative profiles shown, additional profile options are available.



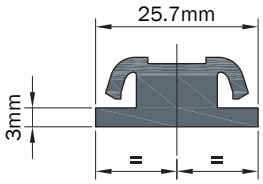


Part #	Description	Material
K058.235	Sprint Cladding Central Profile for french window or post	Aluminum
K068.235	Cladding Central Profile	Aluminum

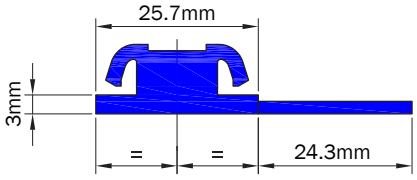
CLADDING ASSEMBLY FIXING CLIPS

- Representative profiles shown, additional profile options are available
- Self-aligning assembly clips are color-coded to correspond with various cladding profiles

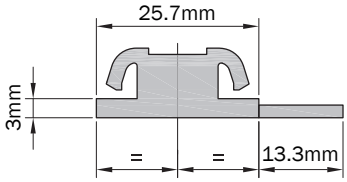
Part #	Description	Finish
KM200A	Sprint Cladding Fixing Clip Anthracite	Plastic
KM200B	Cladding Fixing Clip Blue	Plastic
KM200G	Sprint Cladding Fixing Clip Gray	Plastic
KM200M	Sprint Cladding Fixing Clip Brown	Plastic
KM200R	Sprint Cladding Fixing Clip Red	Plastic
KM200V	Cladding Fixing Clip Green	Plastic
KM213T	Sprint Cladding Fixing Clip Neutral color	Plastic
KM218N	Sprint Cladding Fixing Clip Black	Plastic
KM221B	Cladding Fixing Clip White for LS head frame	Plastic
KM224C	Sprint Cladding Corner Fixing Clip , Cream	Plastic
C224	Cladding Fixing Clip, 2mm neutral color	Plastic
C324	Cladding Fixing Clip, 3mm neutral color	Plastic
SLT-4FSCREW100	End piece connection screws	Steel
ST-FSCREW40	Clip fasterning screws	Steel



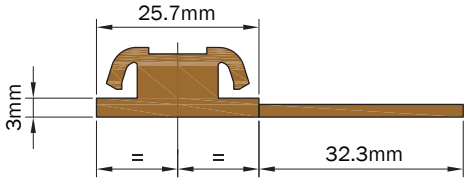
KM200A



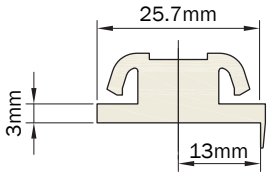
KM200B



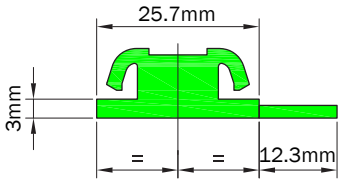
KM200G



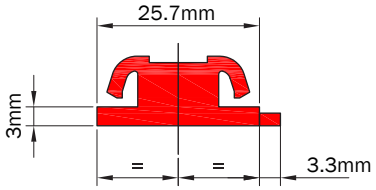
KM200M



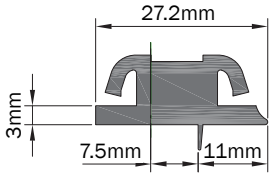
KM213T



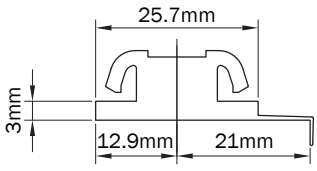
KM200V



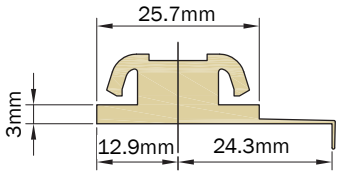
KM200R



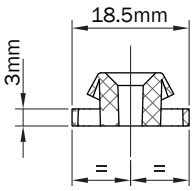
KM218N



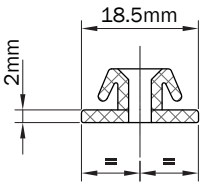
KM221B



KM224C



C324

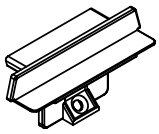


C224

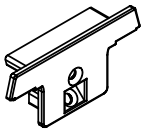
CLADDING END PIECES AND JUNCTION TERMINALS

Representative profiles shown, additional profile options are available.

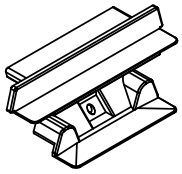
Part #	Description	Finish
KT058235FN	End piece Central Profile for french window	Black
KT058235PN	End piece Central Profile	Black
KT068235AN	End piece	Black
KT068235FN	End piece	Black
KT068235PN	End piece	Black
KT08713F0A	Junction terminal, sealing at 90 degree corner EPDM	Black
KT08713F0B	Junction terminal, sealing at 90 degree corner EPDM	Black
KT08713F0D	Junction terminal, sealing at 90 degree corner EPDM	Black
KT08713F0E	Junction terminal, sealing at 90 degree corner EPDM	Black
KT68.130	Sprint Cladding Frame Profile 68x13mm reduced, drip edge, TT frame	Aluminum
KT68.145	Cladding Frame Profile 68x14.5mm reduced	Aluminum
S059	Bracket for Safety, support for fixed windows	Aluminum



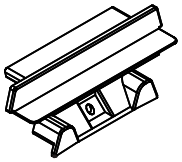
KT058235FN



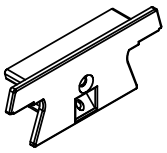
KT058235PN



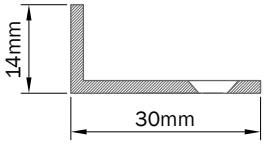
KT068235FN



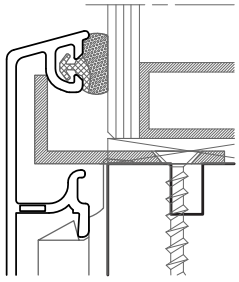
KT068235AN

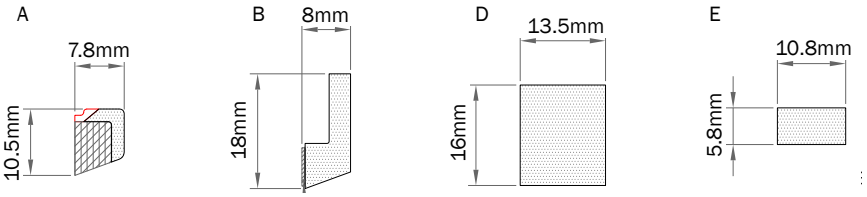


KT068235PN

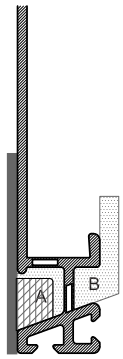


S059

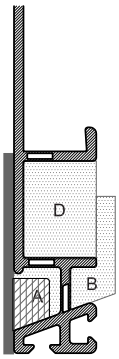




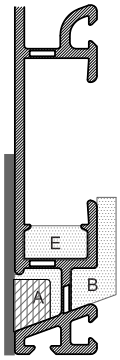
KT08713F0A KT08713F0B KT08713F0D KT08713F0E



K087.13F



KR87.13F

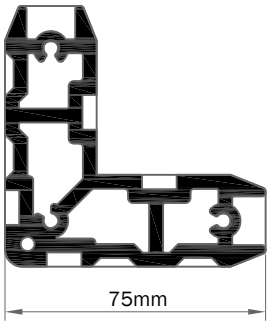


KS87.13F

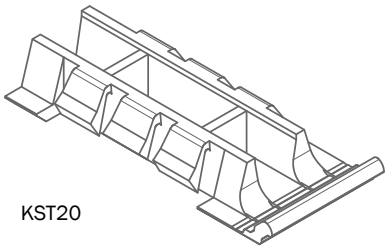
CLADDING BRACKETS

Representative profiles shown, additional profile options are available.

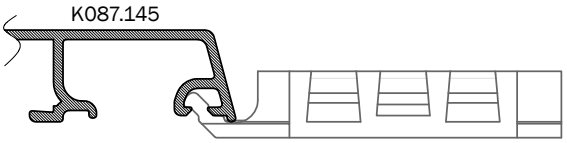
Part #	Description	Finish
KSQ260000	Mechanical bracket for corners, 26mm	Aluminum
KST20	Bracket for added profile, 90 degree corners, Nylon Anthracite	Plastic
KST22	Bracket for added profile, 90 degree corners, Nylon Black	Plastic

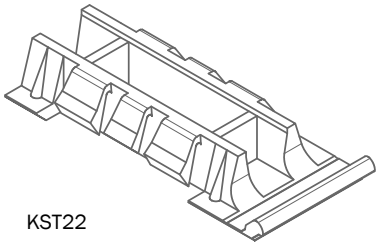


KSQ260000

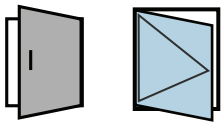


KST20





KST22



GASKETING (SEALS) FOR CLADDING

Call FFI for current availability and lead times.

KG03.N

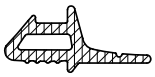
KG30/3.N

KG07.N

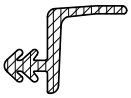
GK041.N

KG30/2.N

KG04.N



GE45



GT36

GV03

GV04

GV21

Gasketing for Cladding Frame

Part #	Description
GE45	Gasket central locking jamb, french window overlap, EPDM Black
GK.041.N	Finish Gasket TPE Black
GT36	Gasket central locking jamb, french window overlap, EPDM Black
GV03	Internal Glazing Gasket EDPM Black
GV04	Internal Glazing Gasket gap 4mm, EDPM Black
GV21	Finish Gasket, 90 degree joint overlap, TPE Black
KG03.N	Glass Gasket TPE Black
KG04.N	Fixed frame glass Gasket Silicone Black
KG07.N	Central Gasket gap 3mm TPE Black
KG30/2.N	Frame Gasket TPE Black
KG30/3.N	Frame Gasket TPE Black