CONTENTS
SECTION C1a…TRIFAB™ VG 450

	PAGE
SCREW SPLINE FABRICATION	
CENTER SET	
OUTSIDE / INSIDE GLAZE (Stops Down - Standard)	C1a/2
OUTSIDE GLAZE (Stops Up - Optional)	C1a/3
FRONT / BACK SET	
FRONT INSIDE GLAZE	C1a/4
BACK OUTSIDE GLAZE	C1a/5
FRONT OUTSIDE GLAZE	C1a/6
BACK INSIDE GLAZE	C1a/7
MULTI-PLANE	
TRANSITION MEMBERS	C1a/8
MISCELLANEOUS STOCK LENGTHS	
SIDELITE BASES / STEEL REINFORCING / TUBES	C1a/9
CORNERS (CENTER PLANE)	C1a/10
CORNERS (FRONT / BACK PLANE)	C1a/11
RECEPTORS / POCKET FILLERS / BRAKE METAL ADAPTORS / HVHZ NON-IMPACT COMPONENTS	C1a/12
ENTRANCE FRAMING	
ENTRANCE FRAMING - STANDARD MEMBERS	C1a/13
ENTRANCE FRAMING - MISCELLANEOUS STOCK LENGTHS	C1a/14
ACCESSORIES	
FASTENERS / DRILL FIXTURES / SPLICE SLEEVE / SHIM BACKER	C1a/15
SHEAR BLOCKS - TRANSOM BARS / HEADERS / CLOSER BRACKETS	C1a/16
SHEAR BLOCKS - MISCELLANEOUS / DART CORNERS	C1a/17
GLAZING ACCESSORIES / GASKETS	C1a/18

FINISH GROUPS	
GROUP NO. DESIGNATION	**FINISHES INCLUDED**
#17 GRP	#17 CLEAR
#40 GRP	#40 BRONZE #22 STD. PAINT #14 CLEAR
#29 GRP	#29 BLACK #18 CHAMPAGNE #26 LIGHT BRONZE #28 MEDIUM BRONZE

NOTICE!
Laws and building safety codes governing the design and use of glazed entrance, window, and curtain wall products vary widely. Kawneer does not control the selection of product configurations, operation hardware, or glazing materials, and assumes no responsibility therefore.
It is responsibility of the owner, the architect, and the installer to make these selections in strict conformity to all applicable laws and building codes.

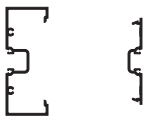
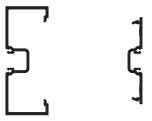
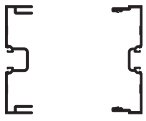
Laws and building and safety codes governing the design and use of glazed entrance, window, and curtain wall products vary widely. Kawneer does not control the selection of product configurations, operating hardware, or glazing materials, and assumes no responsibility therefor.

Kawneer reserves the right to change configuration without prior notice when deemed necessary for product improvement.
© Kawneer Company, Inc., 2014

Trifab™ VG 450 Framing System 1-3/4" Sightline

CENTER SET - O.G. or I.G. STOPS DOWN (STANDARD)

EC 97912-045

DESCRIPTION	Part No.	ft / Unit	Finish	Price / Unit	Units / Pkg.
CENTER SET - OUTSIDE GLAZE or INSIDE GLAZE (STOPS DOWN - STANDARD)					
O.G. SHOWN (I.G. SYSTEM USES SAME PARTS - DETAILS ARE MIRRORED)					
Head	450CG003	24'	#17 GRP	$171.00	4
			#40 GRP	192.00	
			#29 GRP	214.00	
Glass Stop	450CG004	24'	#17 GRP	60.00	8
			#40 GRP	68.00	
			#29 GRP	75.00	
Horizontal	450CG011	24'	#17 GRP	225.00	4
			#40 GRP	243.00	
			#29 GRP	260.00	
Glass Stop	450CG004	24'	#17 GRP	60.00	8
			#40 GRP	68.00	
			#29 GRP	75.00	
Glass Stop	450CG004	24'	#17 GRP	60.00	4
			#40 GRP	68.00	
			#29 GRP	75.00	
Sill	450CG014	24'	#17 GRP	146.00	4
			#40 GRP	157.00	
			#29 GRP	172.00	
HP Sill Flashing **Note:** For HVHZ non-impact applications see miscellaneous stock lengths section for sill, sill flashing and sill clips.	450VG037	24'	#17 GRP	180.00	6
			#40 GRP	194.00	
			#29 GRP	212.00	
Jamb	450CG001	24'	#17 GRP	200.00	4
			#40 GRP	223.00	
			#29 GRP	249.00	
 **Mullion**	450CG001	24'	#17 GRP	200.00	4
			#40 GRP	223.00	
			#29 GRP	249.00	
Mullion Pocket Filler	450CG002	24'	#17 GRP	92.00	8
			#40 GRP	104.00	
			#29 GRP	116.00	
 **Mullion without Splines**	450012	24'	#17 GRP	195.00	4
			#40 GRP	218.00	
			#29 GRP	244.00	
Mullion Pocket Filler	450CG002	24'	#17 GRP	92.00	8
			#40 GRP	104.00	
			#29 GRP	116.00	
Heavy Weight Mullion	450CG013	24'	#17 GRP	303.00	4
			#40 GRP	328.00	
			#29 GRP	355.00	
Mullion Pocket Filler	450CG002	24'	#17 GRP	92.00	8
			#40 GRP	104.00	
			#29 GRP	116.00	
 **Center Female Mullion Half**	450CG010	24'	#17 GRP	164.00	4
			#40 GRP	184.00	
			#29 GRP	204.00	
Center Male Mullion Half (With weathering)	450CG540	24'	#17 GRP	215.00	4
			#40 GRP	229.00	
			#29 GRP	240.00	

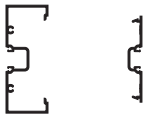
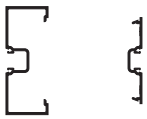
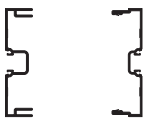
Laws and building and safety codes governing the design and use of glazed entrance, window, and curtain wall products vary widely. Kawneer does not control the selection of product configurations, operating hardware, or glazing materials, and assumes no responsibility therefor.

Kawneer reserves the right to change configuration without prior notice when deemed necessary for product improvement.
© Kawneer Company, Inc., 2014

Trifab™ VG 450 Framing System 1-3/4" Sightline

EC 97912-045

CENTER SET - OUTSIDE GLAZE STOPS UP (OPTIONAL)

DESCRIPTION	Part No.	ft / Unit	Finish	Price / Unit	Units / Pkg.
CENTER SET - OUTSIDE GLAZE (STOPS UP - OPTIONAL)					
O.G. - STOPS UP					
Head	450CG001	24'	#17 GRP	$200.00	4
			#40 GRP	223.00	
			#29 GRP	249.00	
Glass Stop	450CG004	24'	#17 GRP	60.00	8
			#40 GRP	68.00	
			#29 GRP	75.00	
Horizontal	450CG011	24'	#17 GRP	225.00	4
			#40 GRP	243.00	
			#29 GRP	260.00	
Glass Stop	450CG004	24'	#17 GRP	60.00	8
			#40 GRP	68.00	
			#29 GRP	75.00	
Sill	450CG014	24'	#17 GRP	146.00	4
			#40 GRP	157.00	
			#29 GRP	172.00	
HP Sill Flashing	450VG037	24'	#17 GRP	180.00	6
			#40 GRP	194.00	
			#29 GRP	212.00	
Jamb	450CG001	24'	#17 GRP	200.00	4
			#40 GRP	223.00	
			#29 GRP	249.00	
 **Mullion**	450CG001	24'	#17 GRP	200.00	4
			#40 GRP	223.00	
			#29 GRP	249.00	
Mullion Pocket Filler	450CG002	24'	#17 GRP	92.00	8
			#40 GRP	104.00	
			#29 GRP	116.00	
 **Mullion without Splines**	450012	24'	#17 GRP	195.00	4
			#40 GRP	218.00	
			#29 GRP	244.00	
Mullion Pocket Filler	450CG002	24'	#17 GRP	92.00	8
			#40 GRP	104.00	
			#29 GRP	116.00	
Heavy Weight Mullion	450CG013	24'	#17 GRP	303.00	4
			#40 GRP	328.00	
			#29 GRP	355.00	
Mullion Pocket Filler	450CG002	24'	#17 GRP	92.00	8
			#40 GRP	104.00	
			#29 GRP	116.00	
 **Center Female Mullion Half**	450CG010	24'	#17 GRP	164.00	4
			#40 GRP	184.00	
			#29 GRP	204.00	
Center Male Mullion Half (With weathering)	450CG540	24'	#17 GRP	215.00	4
			#40 GRP	229.00	
			#29 GRP	240.00	

Laws and building and safety codes governing the design and use of glazed entrance, window, and curtain wall products vary widely. Kawneer does not control the selection of product configurations, operating hardware, or glazing materials, and assumes no responsibility therefor.

Kawneer reserves the right to change configuration without prior notice when deemed necessary for product improvement.

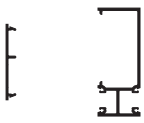
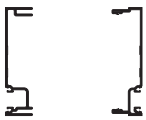
© Kawneer Company, Inc., 2014

Trifab™ VG 450 Framing System 1-3/4" Sightline

EFFECTIVE
DECEMBER 17, 2018

FRONT INSIDE GLAZE

EC 97912-045

DESCRIPTION	Part No.	ft / Unit	Finish	Price / Unit	Units / Pkg.
FRONT - INSIDE GLAZE					
Head	450VG103	24'	#17 GRP	$198.00	4
			#40 GRP	221.00	
			#29 GRP	240.00	
Glass Stop	450VG104	24'	#17 GRP	117.00	8
			#40 GRP	131.00	
			#29 GRP	142.00	
Horizontal	450VG111	24'	#17 GRP	260.00	4
			#40 GRP	282.00	
			#29 GRP	300.00	
Glass Stop	450VG104	24'	#17 GRP	117.00	8
			#40 GRP	131.00	
			#29 GRP	142.00	
Sill	450FG014	24'	#17 GRP	160.00	4
			#40 GRP	172.00	
			#29 GRP	188.00	
HP Sill Flashing	450VG037	24'	#17 GRP	180.00	6
			#40 GRP	194.00	
			#29 GRP	212.00	
Jamb	450VG001	24'	#17 GRP	200.00	4
			#40 GRP	224.00	
			#29 GRP	244.00	
 **Mullion**	450VG012	24'	#17 GRP	227.00	4
			#40 GRP	251.00	
			#29 GRP	271.00	
Filler	450VG026	24'	#17 GRP	87.00	8
			#40 GRP	96.00	
			#29 GRP	103.00	
 **Front / Back Female Mullion Half**	450VG010	24'	#17 GRP	165.00	4
			#40 GRP	185.00	
			#29 GRP	202.00	
Front / Back Male Mullion Half (With weathering)	450VG540	24'	#17 GRP	198.00	4
			#40 GRP	210.00	
			#29 GRP	230.00	

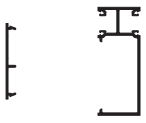
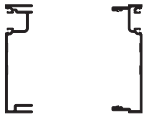
Laws and building and safety codes governing the design and use of glazed entrance, window, and curtain wall products vary widely. Kawneer does not control the selection of product configurations, operating hardware, or glazing materials, and assumes no responsibility therefor.

Kawneer reserves the right to change configuration without prior notice when deemed necessary for product improvement.
© Kawneer Company, Inc., 2014

Trifab™ VG 450 Framing System 1-3/4" Sightline

EC 97912-045

BACK OUTSIDE GLAZE

DESCRIPTION	Part No.	ft / Unit	Finish	Price / Unit	Units / Pkg.
BACK - OUTSIDE GLAZE					
Head	450VG103	24'	#17 GRP	$198.00	4
			#40 GRP	221.00	
			#29 GRP	240.00	
Glass Stop	450VG104	24'	#17 GRP	117.00	8
			#40 GRP	131.00	
			#29 GRP	142.00	
Horizontal	450VG111	24'	#17 GRP	260.00	4
			#40 GRP	282.00	
			#29 GRP	300.00	
Glass Stop	450VG104	24'	#17 GRP	117.00	8
			#40 GRP	131.00	
			#29 GRP	142.00	
Glass Stop	450BG004	24'	#17 GRP	74.00	8
			#40 GRP	80.00	
			#29 GRP	87.00	
Sill	450BG014	24'	#17 GRP	143.00	4
			#40 GRP	154.00	
			#29 GRP	168.00	
HP Sill Flashing	450VG037	24'	#17 GRP	180.00	6
			#40 GRP	194.00	
			#29 GRP	212.00	
Jamb	450VG001	24'	#17 GRP	200.00	4
			#40 GRP	224.00	
			#29 GRP	244.00	
 **Mullion**	450VG012	24'	#17 GRP	227.00	4
			#40 GRP	251.00	
			#29 GRP	271.00	
Filler	450VG026	24'	#17 GRP	87.00	8
			#40 GRP	96.00	
			#29 GRP	103.00	
 **Front / Back Female Mullion Half**	450VG010	24'	#17 GRP	165.00	4
			#40 GRP	185.00	
			#29 GRP	202.00	
Front / Back Male Mullion Half (With weathering)	450VG540	24'	#17 GRP	198.00	4
			#40 GRP	210.00	
			#29 GRP	230.00	

Laws and building and safety codes governing the design and use of glazed entrance, window, and curtain wall products vary widely. Kawneer does not control the selection of product configurations, operating hardware, or glazing materials, and assumes no responsibility therefor.

Kawneer reserves the right to change configuration without prior notice when deemed necessary for product improvement.

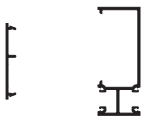
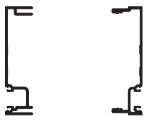
© Kawneer Company, Inc., 2014

Trifab™ VG 450 Framing System 1-3/4" Sightline

EFFECTIVE
DECEMBER 17, 2018

FRONT OUTSIDE GLAZE

EC 97912-045

DESCRIPTION	Part No.	ft / Unit	Finish	Price / Unit	Units / Pkg.
FRONT - OUTSIDE GLAZE					
Head	450VG003	24'	#17 GRP	$179.00	4
			#40 GRP	201.00	
			#29 GRP	219.00	
Glass Stop	450VG004	24'	#17 GRP	42.00	8
			#40 GRP	46.00	
			#29 GRP	51.00	
Horizontal	450VG011	24'	#17 GRP	236.00	4
			#40 GRP	259.00	
			#29 GRP	279.00	
Glass Stop	450VG004	24'	#17 GRP	42.00	8
			#40 GRP	46.00	
			#29 GRP	51.00	
Filler	450VG026	24'	#17 GRP	87.00	8
			#40 GRP	96.00	
			#29 GRP	103.00	
Sill	450FG014	24'	#17 GRP	160.00	4
			#40 GRP	172.00	
			#29 GRP	188.00	
HP Sill Flashing	450VG037	24'	#17 GRP	180.00	6
			#40 GRP	194.00	
			#29 GRP	212.00	
Jamb	450VG001	24'	#17 GRP	200.00	4
			#40 GRP	224.00	
			#29 GRP	244.00	
 **Mullion**	450VG012	24'	#17 GRP	227.00	4
			#40 GRP	251.00	
			#29 GRP	271.00	
Filler	450VG026	24'	#17 GRP	87.00	8
			#40 GRP	96.00	
			#29 GRP	103.00	
 **Front / Back Female Mullion Half**	450VG010	24'	#17 GRP	165.00	4
			#40 GRP	185.00	
			#29 GRP	202.00	
Front / Back Male Mullion Half (With weathering)	450VG540	24'	#17 GRP	198.00	4
			#40 GRP	210.00	
			#29 GRP	230.00	

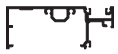
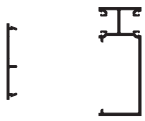
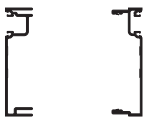
Laws and building and safety codes governing the design and use of glazed entrance, window, and curtain wall products vary widely. Kawneer does not control the selection of product configurations, operating hardware, or glazing materials, and assumes no responsibility therefor.

Kawneer reserves the right to change configuration without prior notice when deemed necessary for product improvement.
© Kawneer Company, Inc., 2014

Trifab™ VG 450 Framing System 1-3/4" Sightline

EC 97912-045

BACK INSIDE GLAZE

DESCRIPTION	Part No.	ft / Unit	Finish	Price / Unit	Units / Pkg.
BACK - INSIDE GLAZE					
Head	450VG003	24'	#17 GRP	$179.00	4
			#40 GRP	201.00	
			#29 GRP	219.00	
Glass Stop	450VG004	24'	#17 GRP	42.00	8
			#40 GRP	46.00	
			#29 GRP	51.00	
 **Horizontal**	450VG011	24'	#17 GRP	236.00	4
			#40 GRP	259.00	
			#29 GRP	279.00	
Glass Stop	450VG004	24'	#17 GRP	42.00	8
			#40 GRP	46.00	
			#29 GRP	51.00	
Filler	450VG026	24'	#17 GRP	87.00	8
			#40 GRP	96.00	
			#29 GRP	103.00	
Glass Stop	450BG004	24'	#17 GRP	74.00	8
			#40 GRP	80.00	
			#29 GRP	87.00	
Sill	450BG014	24'	#17 GRP	143.00	4
			#40 GRP	154.00	
			#29 GRP	168.00	
HP Sill Flashing	450VG037	24'	#17 GRP	180.00	6
			#40 GRP	194.00	
			#29 GRP	212.00	
Jamb	450VG001	24'	#17 GRP	200.00	4
			#40 GRP	224.00	
			#29 GRP	244.00	
 **Mullion**	450VG012	24'	#17 GRP	227.00	4
			#40 GRP	251.00	
			#29 GRP	271.00	
Filler	450VG026	24'	#17 GRP	87.00	8
			#40 GRP	96.00	
			#29 GRP	103.00	
 **Front / Back Female Mullion Half**	450VG010	24'	#17 GRP	165.00	4
			#40 GRP	185.00	
			#29 GRP	202.00	
Front / Back Male Mullion Half (With weathering)	450VG540	24'	#17 GRP	198.00	4
			#40 GRP	210.00	
			#29 GRP	230.00	

Laws and building and safety codes governing the design and use of glazed entrance, window, and curtain wall products vary widely. Kawneer does not control the selection of product configurations, operating hardware, or glazing materials, and assumes no responsibility therefor.

Kawneer reserves the right to change configuration without prior notice when deemed necessary for product improvement.

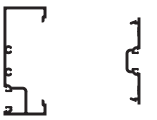
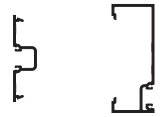
© Kawneer Company, Inc., 2014

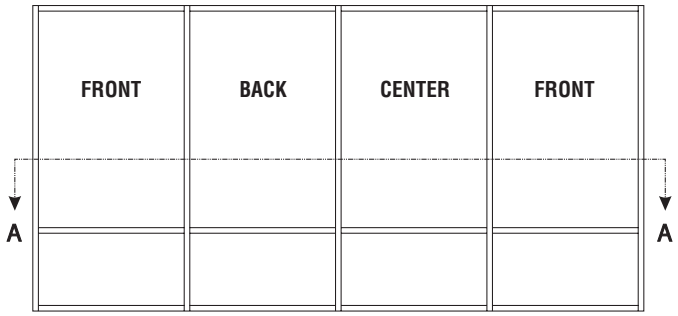
Trifab™ VG 450 Framing System 1-3/4" Sightline

EFFECTIVE
DECEMBER 17, 2018

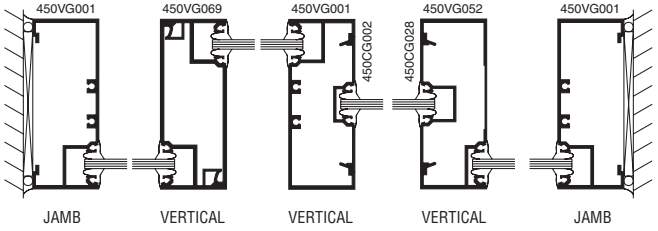
MULTI-PLANE - TRANSITION MEMBERS

EC 97912-045

DESCRIPTION	Part No.	ft / Unit	Finish	Price / Unit	Units / Pkg.
MULTI-PLANE - VERTICAL TRANSITION MEMBERS					
MULTI-PLANE - O.G. (OUTSIDE GLAZE) or I.G. (INSIDE GLAZE) - VERTICAL MEMBERS					
 **Front / Back Mullion - Deep Pocket**	450VG001	24'	#17 GRP	$200.00	4
			#40 GRP	224.00	
			#29 GRP	244.00	
Mullion Filler - Shallow Pocket	450CG002	24'	#17 GRP	92.00	8
			#40 GRP	104.00	
			#29 GRP	116.00	
 **Front / Back Mullion without Splines - Shallow Pocket**	450VG052	24'	#17 GRP	194.00	4
			#40 GRP	217.00	
			#29 GRP	237.00	
Mullion Filler - Deep Pocket	450CG028	24'	#17 GRP	115.00	8
			#40 GRP	129.00	
			#29 GRP	141.00	
Transition Mullion	450VG069	24'	#17 GRP	186.00	4
			#40 GRP	207.00	
			#29 GRP	224.00	



SECTION A-A

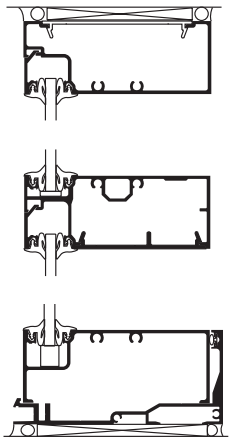


MULTI-PLANE - HORIZONTAL MEMBERS

Select head horizontal, sill, jamb and additional vertical members required from the corresponding "front", "center", or "back" plane section as required for your elevation's configuration. Details below are for your reference.

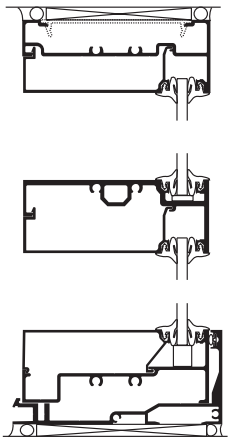
MULTI-PLANE - O.G. (OUTSIDE GLAZE)

FRONT



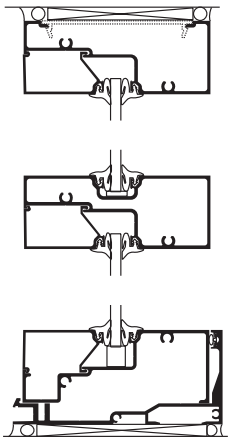
Page C1a/6

BACK



Page C1a/5

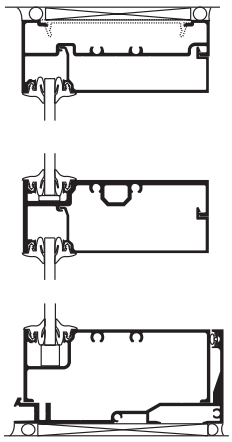
CENTER



Page C1a/2

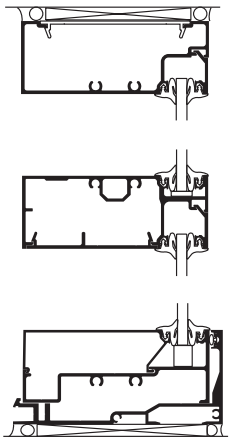
MULTI-PLANE - I.G. (INSIDE GLAZE)

FRONT



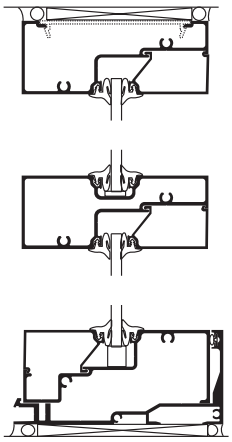
Page C1a/4

BACK



Page C1a/7

CENTER



Page C1a/2

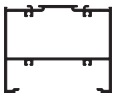
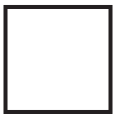
Laws and building and safety codes governing the design and use of glazed entrance, window, and curtain wall products vary widely. Kawneer does not control the selection of product configurations, operating hardware, or glazing materials, and assumes no responsibility therefor.

Kawneer reserves the right to change configuration without prior notice when deemed necessary for product improvement.
© Kawneer Company, Inc., 2014

Trifab™ VG 450 Framing System 1-3/4" Sightline

EC 97912-045

MISCELLANEOUS STOCK LENGTHS

DESCRIPTION	Part No.	ft / Unit	Finish	Price / Unit	Units / Pkg.
SIDELITE BASES - FOR USE WITH CENTER PLANE ONLY					
Glass Stop (Price includes one glass stop - two required total)	450CG004	24'	#17 GRP	$60.00	8
			#40 GRP	68.00	
			#29 GRP	75.00	
 **High Sidelite Base**	450027	24'	#17 GRP	412.00	2
			#40 GRP	450.00	
			#29 GRP	490.00	
Glass Stop for Adjustable Sidelite Base (Price includes one glass stop - two required total)	450030	24'	#17 GRP	47.00	8
			#40 GRP	51.00	
			#29 GRP	57.00	
Standard Adjustable Sidelite Base (4-1/2" to 5-3/4")	450028	24'	#17 GRP	183.00	4
			#40 GRP	196.00	
			#29 GRP	218.00	
Sill Channel for Adjustable Sidelite Base	450031	24'	#17 GRP	97.00	4
			#40 GRP	104.00	
			#29 GRP	114.00	
Glass Stop for Adjustable Sidelite Base (Price includes one glass stop - two required total)	450030	24'	#17 GRP	47.00	8
			#40 GRP	51.00	
			#29 GRP	57.00	
Tall Adjustable Sidelite Base (6-15/16" to 8-3/16")	450029	24'	#17 GRP	310.00	4
			#40 GRP	358.00	
			#29 GRP	372.00	
Sill Channel for Adjustable Sidelite Base	450031	24'	#17 GRP	97.00	4
			#40 GRP	104.00	
			#29 GRP	114.00	
STEEL REINFORCING - FOR USE WITH CENTER PLANE ONLY					
Steel Reinforcing	400110	24'	#35 PRIMED	195.00	1
Steel Reinforcing	450110	24'	#35 PRIMED	270.00	1
TUBES					
 **4-1/2" x 4-1/2" Tube**	060119	24'	#17 GRP	430.00	2
			#40 GRP	450.00	
			#29 GRP	505.00	
1-3/4" x 4-1/2" Tube	060148	24'	#17 GRP	210.00	4
			#40 GRP	220.00	
			#29 GRP	246.00	

Laws and building and safety codes governing the design and use of glazed entrance, window, and curtain wall products vary widely. Kawneer does not control the selection of product configurations, operating hardware, or glazing materials, and assumes no responsibility therefor.

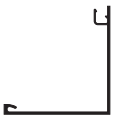
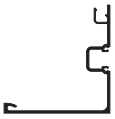
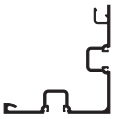
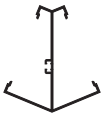
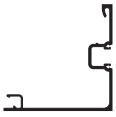
Kawneer reserves the right to change configuration without prior notice when deemed necessary for product improvement.

© Kawneer Company, Inc., 2014

Trifab™ VG 450 Framing System 1-3/4" Sightline

CORNERS

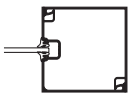
EC 97912-045

DESCRIPTION	Part No.	ft / Unit	Finish	Price / Unit	Units / Pkg.
CENTER PLANE CORNERS					
 **No Pocket Corner Half**	450017	24'	#17 GRP	$227.00	4
			#40 GRP	244.00	
			#29 GRP	270.00	
Center Female Mullion Half	450CG010	24'	#17 GRP	164.00	4
			#40 GRP	184.00	
			#29 GRP	204.00	
 **Center One Pocket Corner Half**	450CG015	24'	#17 GRP	284.00	4
			#40 GRP	312.00	
			#29 GRP	335.00	
 **Center Two Pocket Corner** (Optional spline screw 128242 and 063040 driver used with this corner)	450CG016	24'	#17 GRP	320.00	4
			#40 GRP	353.00	
			#29 GRP	380.00	
Center 135° Corner Mullion Insert	450CG028	24'	#17 GRP	115.00	8
			#40 GRP	129.00	
			#29 GRP	141.00	
 **Center 135° Corner Mullion**	451CG034	24'	#17 GRP	275.00	4
			#40 GRP	295.00	
			#29 GRP	325.00	
 **Center One Pocket Corner Half**	450CG035	24'	#17 GRP	285.00	4
			#40 GRP	313.00	
			#29 GRP	336.00	
Center Pivot Mullion	451CG071	24'	#17 GRP	156.00	4
			#40 GRP	168.00	
			#29 GRP	188.00	
Pivot Mullion Half (With weathering)	450CG541	24'	#17 GRP	224.00	4
			#40 GRP	246.00	
			#29 GRP	276.00	

450017 (2)

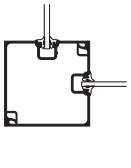
CORNER POST
NO POCKETS

450017 + 450CG015



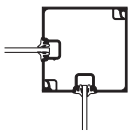
POST @ JAMB
ONE POCKET

450CG015 + 450CG035



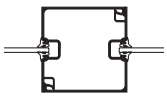
90° OUTSIDE CORNER
TWO POCKETS

450CG015 + 450CG035



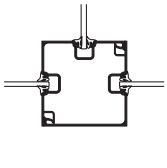
90° INSIDE CORNER
TWO POCKETS

450CG015 (2)



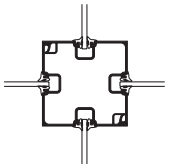
POST
TWO POCKETS

450CG015 + 450CG016



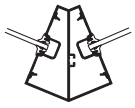
CORNER POST
THREE
POCKETS

450CG016 (2)



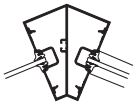
CORNER POST
FOUR POCKETS

450CG028(2) +
451CG034



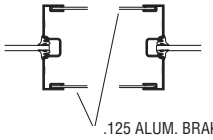
OUTSIDE CORNER
135°

450CG028(2) +
451CG034



INSIDE CORNER
135°

450CG010 FEMALE
EXPANSION MULLION HALF



VARIABLE BRAKE
METAL CORNER

451CG071 +
(2) 450CG541

ADJUSTABLE PIVOT
OUTSIDE CORNER
150° TO 180°

451CG071 +
(2) 450CG541

ADJUSTABLE PIVOT
OUTSIDE CORNER
155° TO 180°

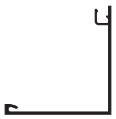
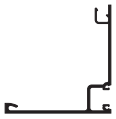
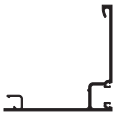
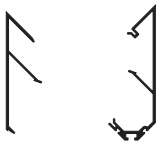
Laws and building and safety codes governing the design and use of glazed entrance, window, and curtain wall products vary widely. Kawneer does not control the selection of product configurations, operating hardware, or glazing materials, and assumes no responsibility therefor.

Kawneer reserves the right to change configuration without prior notice when deemed necessary for product improvement.
© Kawneer Company, Inc., 2014

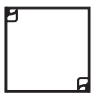
Trifab™ VG 450 Framing System 1-3/4" Sightline

EC 97912-045

CORNERS

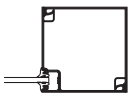
DESCRIPTION	Part No.	ft / Unit	Finish	Price / Unit	Units / Pkg.
FRONT BACK PLANE CORNERS					
 **No Pocket Corner Half**	450017	24'	#17 GRP	$227.00	4
			#40 GRP	244.00	
			#29 GRP	270.00	
Front / Back Female Mullion Half	450VG010	24'	#17 GRP	165.00	4
			#40 GRP	185.00	
			#29 GRP	202.00	
 **Front / Back One Pocket Corner Half**	450VG015	24'	#17 GRP	266.00	4
			#40 GRP	294.00	
			#29 GRP	317.00	
 **Front / Back One Pocket Corner Half**	450VG035	24'	#17 GRP	267.00	4
			#40 GRP	294.00	
			#29 GRP	317.00	
 **Front 90° Female Dart Corner Half**	450SSG015	24'	#17 GRP	231.00	4
			#40 GRP	281.00	
			#29 GRP	303.00	
Front 90° Male Dart Corner Half	450SSG016	24'	#17 GRP	182.00	4
			#40 GRP	201.00	
			#29 GRP	218.00	
Front 90° Dart Corner Cover	450SSG035	24'	#17 GRP	169.00	4
			#40 GRP	183.00	
			#29 GRP	194.00	
Front 135° Female Dart Corner Half	450SSG115	24'	#17 GRP	203.00	4
			#40 GRP	225.00	
			#29 GRP	244.00	
Front 135° Male Dart Corner Half	450SSG116	24'	#17 GRP	145.00	4
			#40 GRP	160.00	
			#29 GRP	173.00	
Front 135° Dart Corner Cover	450SSG135	24'	#17 GRP	123.00	4
			#40 GRP	136.00	
			#29 GRP	146.00	

450017



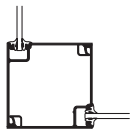
CORNER POST
NO POCKETS

450017 + 450VG015



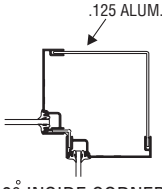
CORNER POST
ONE POCKET

450VG015 + 450VG035



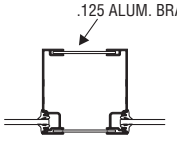
90° OUTSIDE CORNER
TWO POCKETS

450VG010



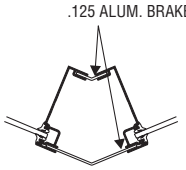
90° INSIDE CORNER
TWO POCKETS

450VG010(2)



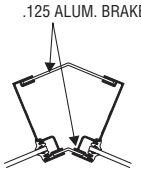
POST
TWO POCKETS

450VG010



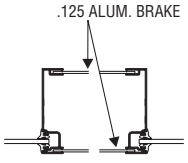
135° OUTSIDE CORNER
WITH BRAKE METAL

450VG010



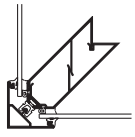
135° INSIDE CORNER
WITH BRAKE METAL

450VG010



VARIABLE DEGREE CORNER
WITH BRAKE METAL

450SSG015 + 450SSG016
+ 450SSG035



DART CORNER
90° OUTSIDE

450SSG115 + 450SSG116
+ 450SSG135

DART CORNER
135° OUTSIDE

Laws and building and safety codes governing the design and use of glazed entrance, window, and curtain wall products vary widely. Kawneer does not control the selection of product configurations, operating hardware, or glazing materials, and assumes no responsibility therefor.

Kawneer reserves the right to change configuration without prior notice when deemed necessary for product improvement.

© Kawneer Company, Inc., 2014

Trifab™ VG 450 Framing System 1-3/4" Sightline

EFFECTIVE
DECEMBER 17, 2018

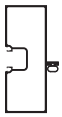
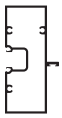
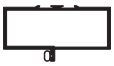
RECEPTORS - POCKET FILLERS - ADAPTORS

EC 97912-045

DESCRIPTION	Part No.	ft / Unit	Finish	Price / Unit	Units / Pkg.
COMPENSATING RECEPTORS					
One Piece Compensating Receptor (With weathering) (500 lb. max. end reaction) (1000 lb. max. end reaction with 2 each 451VG374 clips at each vertical mullion)	451VG571	24'	#17 GRP	$315.00	4
			#40 GRP	335.00	
			#29 GRP	375.00	
Compensating Receptor Reinforcing Clip	451VG374	EACH	---	9.00	1
Two Piece Compensating Receptor (With weathering) (500 lb. max. end reaction with 451VG572 face) (1000 lb. max. end reaction with 451VG573 face and 1 each 451VG374 clips at each vertical mullion)	451VG570	24'	#17 GRP	240.00	4
			#40 GRP	260.00	
			#29 GRP	290.00	
Standard Compensating Receptor Face (With weathering)	451VG572	24'	#17 GRP	120.00	4
			#40 GRP	128.00	
			#29 GRP	140.00	
Heavyweight Compensating Receptor Face (With weathering)	451VG573	24'	#17 GRP	140.00	4
			#40 GRP	148.00	
			#29 GRP	165.00	
Compensating Receptor reinforcing Clip	451VG374	EACH	---	9.00	1
POCKET FILLERS AND ADAPTORS					
Flat Perimeter Filler	450026	24'	#17 GRP	73.00	8
			#40 GRP	82.00	
			#29 GRP	90.00	
Snap-in Pocket filler / Vent Adaptor	450087	24'	#17 GRP	25.00	8
			#40 GRP	30.00	
			#29 GRP	35.00	
BRAKE METAL ADAPTORS					
Brake Metal Adaptor (Horizontal or vertical) (Snap-in or screw applied)	451VG150	24'	#17 CLEAR	161.00	8
HVHZ NON-IMPACT COMPONENTS					
HVHZ Non-impact Sill	450CG001	24'	#17 GRP	200.00	4
			#40 GRP	223.00	
			#29 GRP	249.00	
HVHZ Non-impact Sill Flashing (Requires 451HP126 clip)	451HP037	24'	#17 GRP	150.00	6
			#40 GRP	171.00	
			#29 GRP	186.00	
HVHZ Non-impact 3" Sill Clip (For use with 451HP037 flashing)	451HP126	EACH	---	2.50	1

Laws and building and safety codes governing the design and use of glazed entrance, window, and curtain wall products vary widely. Kawneer does not control the selection of product configurations, operating hardware, or glazing materials, and assumes no responsibility therefor.

Kawneer reserves the right to change configuration without prior notice when deemed necessary for product improvement.
© Kawneer Company, Inc., 2014

DESCRIPTION	Part No.	ft / Unit	Finish	Price / Unit	Units / Pkg.
ENTRANCE FRAMING - STANDARD MEMBERS					
SINGLE ACTING - FOR USE WITH OFFSET PIVOTS, BUTT HINGES AND CONTINUOUS GEARED HINGES					
 **Single Acting tube Door Jamb** (With weathering)	450501	24'	#17 GRP	$282.00	4
			#40 GRP	294.00	
			#29 GRP	320.00	
Single Acting Open Back Door Jamb (With weathering)	450599	24'	#17 GRP	266.00	4
			#40 GRP	280.00	
			#29 GRP	301.00	
 **Single Acting Door Jamb or Transom with Screw Splines** (Center)	450090	24'	#17 GRP	310.00	4
			#40 GRP	322.00	
			#29 GRP	343.00	
Door Jamb (Front / back plane)	450VG019	24'	#17 GRP	225.00	4
			#40 GRP	243.00	
			#29 GRP	258.00	
Applied Door Stop (With weathering) (Required 028260 attachment screw - 35 per 24' stock length)	069177	24'	#17 GRP	84.00	24
			#40 GRP	94.00	
			#29 GRP	104.00	
 **Single Acting T-Bar / Header for Use with Surface Applied Closers** (With weathering)	450502	24'	#17 GRP	300.00	4
			#40 GRP	315.00	
			#29 GRP	345.00	
T-Bar / Header for Use with Concealed Closers	450079	24'	#17 GRP	300.00	4
			#40 GRP	310.00	
			#29 GRP	340.00	
Door Stop for use with Concealed Closers	041045	24'	#17 GRP	110.00	4
			#40 GRP	120.00	
			#29 GRP	130.00	
DOUBLE ACTING - FOR USE WITH CENTER HUNG PIVOTS					
Double Acting Tube Door Jamb	450019	24'	#17 GRP	244.00	4
			#40 GRP	254.00	
			#29 GRP	288.00	
Double Acting Open Back Door Jamb	450064	24'	#17 GRP	228.00	4
			#40 GRP	241.00	
			#29 GRP	273.00	
Door Jamb (Front / back plane)	450VG019	24'	#17 GRP	225.00	4
			#40 GRP	243.00	
			#29 GRP	258.00	
Double Acting T-Bar / Header	450081	24'	#17 GRP	298.00	4
			#40 GRP	310.00	
			#29 GRP	348.00	
Double Acting Transom Bar Filler (With weathering)	450500	24'	#17 GRP	80.00	4
			#40 GRP	90.00	
			#29 GRP	108.00	

Note: For additional single acting offset arm "COC" transom / header & threshold packages, refer to section A2 of price catalog.

Laws and building and safety codes governing the design and use of glazed entrance, window, and curtain wall products vary widely. Kawneer does not control the selection of product configurations, operating hardware, or glazing materials, and assumes no responsibility therefor.

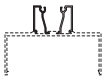
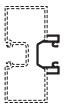
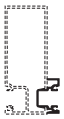
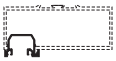
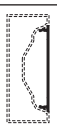
Kawneer reserves the right to change configuration without prior notice when deemed necessary for product improvement.

© Kawneer Company, Inc., 2014

Trifab™ VG 450 Framing System 1-3/4" Sightline

ENTRANCE FRAMING

EC 97912-045

DESCRIPTION	Part No.	ft / Unit	Finish	Price / Unit	Units / Pkg.
ENTRANCE FRAMING - MISCELLANEOUS STOCK LENGTHS					
GLASS STOPS / TRANSOM POCKET INSERTS					
 **T-Bar Glass Stop** (Price includes one glass stop - two req'd total)	450022	24'	#17 GRP	$38.00	8
			#40 GRP	44.00	
			#29 GRP	50.00	
T-Bar Glass Stop (Use in conjunction with 450VG022 adaptor and 450022 glass stop)	451VG004	24'	#17 GRP	47.00	8
			#40 GRP	51.00	
			#29 GRP	56.00	
T-Bar Glass Stop (Use in conjunction with 450VG022 adaptor and 450004 glass stop)	450022	24'	#17 GRP	38.00	8
			#40 GRP	44.00	
			#29 GRP	50.00	
Front / Back T-Bar Adaptor (Use in conjunction with 450022 and 451VG004 glass stops)	450VG022	24'	#17 GRP	94.00	8
			#40 GRP	106.00	
			#29 GRP	120.00	
 **Transom Pocket Insert - Center Plane** (Price includes insert only - door jamb shown for ref. only)	450033	24'	#17 GRP	60.00	8
			#40 GRP	68.00	
			#29 GRP	76.00	
 **Transom Pocket insert - Front / Back Plane** (Price includes insert only - door jamb shown for ref. only)	450VG033	24'	#17 GRP	60.00	8
			#40 GRP	68.00	
			#29 GRP	76.00	
Pocket Insert for 1/8" Wall Tube or Single Acting T-Bar / Header (Price includes insert only - T-Bar shown for ref. only)	450041	24'	#17 GRP	60.00	4
			#40 GRP	68.00	
			#29 GRP	76.00	
 **Pocket Insert for 1/8" Wall Tube or Single Acting T-Bar / Header** (Price includes insert only - T-Bar shown for ref. only)	450VG041	24'	#17 GRP	60.00	4
			#40 GRP	68.00	
			#29 GRP	76.00	
DOOR STOPS					
Snap-in Door Stop (With weathering)	450520	24'	#17 GRP	63.00	8
			#40 GRP	67.00	
			#29 GRP	72.00	
Snap-in Pocket Filler / Vent Adaptor	450087	24'	#17 GRP	25.00	8
			#40 GRP	30.00	
			#29 GRP	35.00	
Applied Door Stop (With weathering) (Requires 028260 attachment screw - 35 per 24' stock length)	069177	24'	#17 GRP	84.00	24
			#40 GRP	94.00	
			#29 GRP	104.00	
POCKET FILLERS					
Deep Pocket Insert for open Back Door Jambs (Price includes filler only - door jamb shown for ref. only)	450CG028	24'	#17 GRP	115.00	8
			#40 GRP	129.00	
			#29 GRP	141.00	
Shallow Pocket Insert for Open Back Door Jambs (Price includes filler only - door jamb shown for ref. only)	450CG002	24'	#17 GRP	92.00	8
			#40 GRP	104.00	
			#29 GRP	116.00	
 **Flat Filler Insert for open Back Door Jambs** (Price includes filler only - door jamb shown for ref. only)	450026	24'	#17 GRP	73.00	8
			#40 GRP	82.00	
			#29 GRP	90.00	

Laws and building and safety codes governing the design and use of glazed entrance, window, and curtain wall products vary widely. Kawneer does not control the selection of product configurations, operating hardware, or glazing materials, and assumes no responsibility therefor.

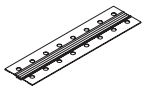
Kawneer reserves the right to change configuration without prior notice when deemed necessary for product improvement.

© Kawneer Company, Inc., 2014

Trifab™ VG 450 Framing System 1-3/4" Sightline

EC 97912-045

ACCESSORIES

DESCRIPTION	Part No.	ft / Unit	Finish	Price / Unit	Units / Pkg.
FASTENERS					
Spline Screw (#12 x 1-1/8" pan head, type AB, zinc plated steel) Use optional spline screw 128242 and 063040 driver with 450CG016 center two pocket corner.	028856	EACH	---	$0.11	1
HP Sill to HP Flashing Center / Back Plane (1/4"-20 x 7/16" pan head, type D or F thread cutting machine screw)	128369	EACH	---	1.50	1
HP Sill to HP Flashing Front Plane (1/4-20 x 1-1/4" PHTC D/F)	128580	EACH	---	1.60	1
End Dam Screw (Type AB #8 x 1/2" pan head)	028808	EACH	---	0.11	1
Optional Spline Screw #12-14 x 1" hexagon socket head, thread forming, zinc plated steel)	128242	EACH	---	1.20	1
Ball Point Bit for Use with 128242 Optional Spline Screw	063040	EACH	---	20.00	1
Shear Block Screw (#10 x 1-19/32" pan head, type B, stainless steel)	028400	EACH	---	0.18	1
Shear block Screw (#10 x 9/16" flat head, type B, stainless steel)	128345	EACH	---	0.15	1
Shear Block Screw for Adjustable Sidelite Base (#10 x 2-5/8" pan head, type B, stainless steel)	128354	EACH	---	0.42	1
Door Stop Screw (#8 x 3/8" pan head, type AB, zinc plated head)	028260	EACH	---	0.05	1
DRILL FIXTURES					
Drill Fixture - Screw Spline System	450VG201	EACH	---	110.00	1
SPLICE SLEEVE					
 **8" Xpander™ Splice Sleeve**	027094	EACH	---	6.85	1
SHIM BACKER					
Shim Backer (3" long piece)	450126	EACH	---	2.00	1

Laws and building and safety codes governing the design and use of glazed entrance, window, and curtain wall products vary widely. Kawneer does not control the selection of product configurations, operating hardware, or glazing materials, and assumes no responsibility therefor.

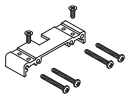
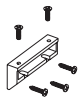
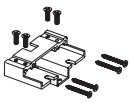
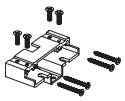
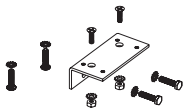
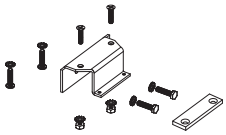
Kawneer reserves the right to change configuration without prior notice when deemed necessary for product improvement.

© Kawneer Company, Inc., 2014

Trifab™ VG 450 Framing System 1-3/4" Sightline

ACCESSORIES

EC 97912-045

DESCRIPTION	Pkg. Includes	Part No.	ft / Unit	Finish	Price / Unit	Units / Pkg.
SHEAR BLOCKS - TRANSOM BARS / HEADERS						
 **T-Bar / Header Shear Block** (With fasteners)	(4) 028400 (2) 128345	450506	EACH	---	$2.50	1
 **C.O.C. T-Bar / Header Shear Block** (With fasteners)	(3) 128370 (2) 028345 (1) 128112	450440	EACH	---	9.00	1
 **Offset Pivot C.O.C. T-Bar / Header Shear Block** (With fasteners)	(4) 028400 (2) 128345	450548	EACH	---	9.00	1
 **Butt Hung C.O.C. T-Bar / Header Shear Block** (With fasteners)	(4) 028400 (4)128345	450549	EACH	---	9.00	1
CLOSER BRACKETS						
 **C.O.C. Mounting Bracket** (With fasteners) (Use with 450440)	(2) 128207 (2) 128208 (2) 128265 (2) 028250 (2) 028702 (6) 028416	050759	EACH	---	8.00	1
 **Offset Pivot / Butt Hung Mounting Bracket** (With fasteners) (Use with 450548 or 450549)	(2) 128207 (2) 028250 (2) 028702 (2) 128265 (6) 028416	050761	EACH	---	8.00	1

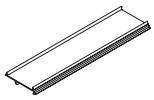
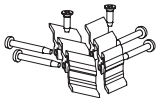
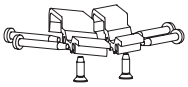
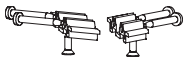
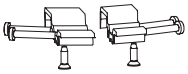
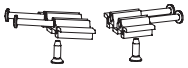
Laws and building and safety codes governing the design and use of glazed entrance, window, and curtain wall products vary widely. Kawneer does not control the selection of product configurations, operating hardware, or glazing materials, and assumes no responsibility therefor.

Kawneer reserves the right to change configuration without prior notice when deemed necessary for product improvement.
© Kawneer Company, Inc., 2014

Trifab™ VG 450 Framing System 1-3/4" Sightline

EC 97912-045

ACCESSORIES

DESCRIPTION	Pkg. Includes	Part No.	ft / Unit	Finish	Price / Unit	Units / Pkg.
SHEAR BLOCKS - MISCELLANEOUS						
Adjustable Sidelite Base Shear Block (With fasteners)	(2) 128354 (2) 128345	450508	EACH	---	$2.80	1
Sill Clip		450109	EACH	---	3.10	1
 **High Windload HP Sill Flashing Clip** (For use with 451HP037 flashing)		451HP127	EACH	---	10.00	1
Angle Clip (With fasteners)	(4) 128345	450509	EACH	---	1.75	1
SHEAR BLOCKS - DART CORNERS						
 **Front 90° Dart Corner** (Outside glaze head or sill)	(1) L.H. SHEAR BLOCK (1) R.H. SHEAR BLOCK (4) 128354 (2) 128345	450SSG524	EACH	---	5.00	1
 **Front 90° Dart Corner** (Intermediate horizontal)	(1) L.H. SHEAR BLOCK (1) R.H. SHEAR BLOCK (4) 128354 (2) 128345	450SSG525	EACH	---	5.00	1
 **Front 90° Dart Corner** (Inside glaze head)	(1) L.H. SHEAR BLOCK (1) R.H. SHEAR BLOCK (4) 128354 (2) 128345	451SSG526	EACH	---	4.00	1
Front 135° Dart Corner (Outside glaze head or sill)	(1) L.H. SHEAR BLOCK (1) R.H. SHEAR BLOCK (4) 128354 (2) 128345	450SSG624	EACH	---	5.00	1
 **Front 135° Dart Corner** (Intermediate horizontal)	(1) L.H. SHEAR BLOCK (1) R.H. SHEAR BLOCK (4) 128354 (2) 128345	450SSG625	EACH	---	4.00	1
 **Front 135° Dart Corner** (Inside glaze head)	(1) L.H. SHEAR BLOCK (1) R.H. SHEAR BLOCK (4) 128354 (2) 128345	451SSG626	EACH	---	4.00	1

Laws and building and safety codes governing the design and use of glazed entrance, window, and curtain wall products vary widely. Kawneer does not control the selection of product configurations, operating hardware, or glazing materials, and assumes no responsibility therefor.

Kawneer reserves the right to change configuration without prior notice when deemed necessary for product improvement.

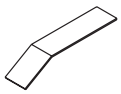
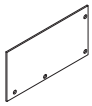
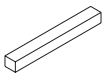
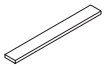
© Kawneer Company, Inc., 2014

Trifab™ VG 450 Framing System 1-3/4" Sightline

EFFECTIVE
DECEMBER 17, 2018

ACCESSORIES

EC 97912-045

DESCRIPTION		Part No.	ft / Unit	Finish	Price / Unit	Units / Pkg.
GLAZING ACCESSORIES						
 **Water Deflector**		450105	EACH	---	$0.25	1
 **End Dam**		451TVG316	EACH	---	2.50	1
 **Standard Setting Block** (1/2" x 7/16")	EPDM	027366	EACH	---	0.44	1
	SILICONE	027366-SI	EACH	---	2.20	1
 **Inside Glaze Setting Block for Intermediate Horizontal** (1/8" x 1/2")	EPDM	027302	EACH	---	1.10	1
	SILICONE	027302-SI	EACH	---	5.50	1
"W" Side Block		027084	EACH	---	0.44	1
Front 90° and 135° Dart Corner Glazing Clip		250299	EACH	---	0.45	1
GASKETS						
Standard Push On Gasket *		027074	ROLL	---	$230.00	500' Roll
Light Push On Gasket *		027076	ROLL	---	$205.00	500' Roll
Heavy Push On Gasket *		027077	ROLL	---	$270.00	500' Roll

*** Note: Silicone lubricant applied. Test compatibility with any specialty glass prior to glazing.**

GLAZING CHART	
Infill Thickness	**Weathering (Both Sides)**
1/8"	027077 Heavy
1/4"	027074 Standard
3/8"	027076 Light

Note: For infill thickness in 1/16" increments or oversize and under size glass, use a combination of the standard (027074) with either the light (027076) or heavy (027077) gaskets.

Laws and building and safety codes governing the design and use of glazed entrance, window, and curtain wall products vary widely. Kawneer does not control the selection of product configurations, operating hardware, or glazing materials, and assumes no responsibility therefor.

Kawneer reserves the right to change configuration without prior notice when deemed necessary for product improvement.
© Kawneer Company, Inc., 2014