

## THIS SYSTEM IS DESIGNED TO BE ASSEMBLED WITH #8 SCREWS

UNIVERSAL RUBBER COMPANY 800-782-2375	<u>GASKETS</u> #2028 #2101	INTERIOR & EXTERIOR FOR 3/8" GLASS
REED RUBBER PRODUCTS 800-325-9698	#3734 #4893	INTERIOR & EXTERIOR ALTERNATIVE
TREMCO 800-321-6357	<b>TR-2</b> 062E	INTERIOR & EXTERIOR
	DOOR PILE	
SCHLEGEL CORP.         AS           800-828-6237         AS	S SELECTED	USED WITH BCE-5 AND LIKE SHAPES
AMESBURY GROUP INC.AS704-878-6892	S SELECTED	USED WITH BCE-5 AND LIKE SHAPES

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## PRICING FACTORS 1 3/4" X 4" FLUSH GLAZED BCE-400 SERIES



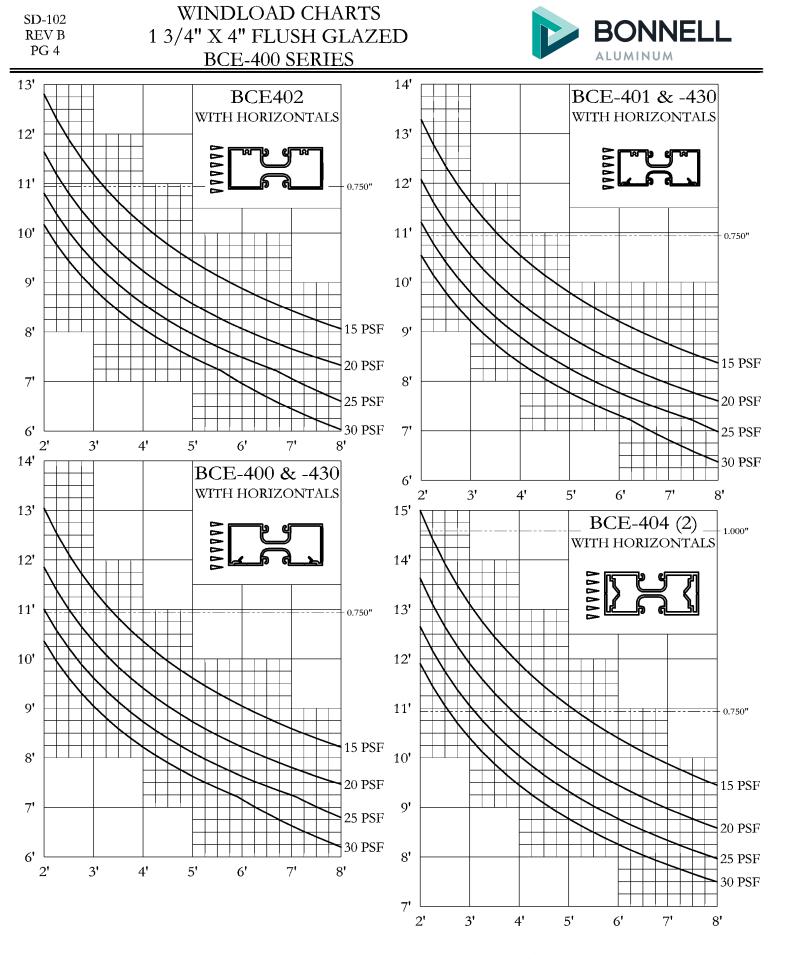
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	102		BC	<u>E-400 SE</u>	ERIES		ALUMINUM
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		EST PER	FACTOR			VALUES	1/8 SIZE DETAILS
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	1.072	20.936	20	N/A	BCE400		
1.172       22.482       19       N/A       BCE401       0.250       S       0.956       x						0.248 S 0.895	Y
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	1.172	22.482	19	N/A	BCE401		
1.628       17.153       19       N/A       BCE402       0.598       S       1.033       x       x         1.424       14.536       20       N/A       BCE403       0.547       I       2.018       x							Ŷ
1.424       14.536       20       N/A       BCE403       0.589       S       1.009 $x r r r$ 1.135       19.087       17       N/A       BCE404       0.074       1       1.660 $x r r r$ 1.135       19.087       17       N/A       BCE404       0.074       1       1.660 $x r r r$ 1.285       23.720       18       N/A       BCE405       1.841       1       1.706 $x r r r$ 1.282       23.753       19       N/A       BCE406       0.605       \$       0.689 $x r r r$ 1.282       23.753       19       N/A       BCE407       0.229       1       1.528 $x r r r$ 0.967       18.229       19       N/A       BCE408       0.402       1       1.845 $x r r r$ 1.472       14.389       18       N/A       BCE409       0.021       1       0.905 $x r r r$ 0.294       7.705       26       N/A       BCE401       0.010       1       0.037 $x r r$ 0.251       7.076       28       N/A       BCE411       0.615       5       0.595 $x r r$	1.628	17.153	19	N/A	BCE402		x
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $						0.547 I 2.018	Y
1.135       19.087       17       N/A       BCE404       0.136       S       0.830 $x r r r r r r r r r r r r r r r r r r r$	1.424	14.536	20	N/A	BCE403	0.589 S 1.009	x
1.285       23.720       18       N/A       BCE405       1.841       I       1.706       x						0.074 I 1.660	Y
1.285       23.720       18       N/A       BCE405       0.700       S       0.595       x	1.135	19.087	17	N/A	BCE404	0.136 S 0.830	x Ren x y
$\begin{array}{c c c c c c c c c c c c c c c c c c c $						1.841 I 1.706	YU
1.282       23.753       19       N/A       BCE406 $0.605$ S $0.689$ 0.967       18.229       19       N/A       BCE407 $0.229$ I $1.528$ $x$ $y$ $x$ 1.472       14.389       18       N/A       BCE408 $0.402$ I $1.845$ $x$ $y$ $x$ $0.294$ 7.705       26       N/A       BCE409 $0.021$ I $0.095$ $x$ $y$ $x$ $0.294$ 7.705       26       N/A       BCE409 $0.021$ I $0.095$ $x$ $y$	1.285	23.720	18	N/A	BCE405	0.700 S 0.595	x y x
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	1.000					1.725 I 1.827	x
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	1.282	23.753	19	N/A	BCE406	0.605 S 0.689	h <sub>v</sub>
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	0.075	10.000		<b>A</b> <i>T</i> ( <b>A</b>		0.229 I 1.528	<b>~</b>
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	0.967	18.229	19	N/A	BCE407	0.236 S 0.701	► 4
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	1.472 14.389	18 N/.	NT / A	N/A BCE408	0.402 I 1.845	<b>m</b>	
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$					0.392 S 0.861		
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	0 294	7 705	26 N/A	NI/A	N/A BCE409	0.021 I 0.095	x
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	0.294 /./05	1.705				0.031 S 0.110	
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	0.251 7.076	7.076	7.07( 20 ))//	NI/A	BCE410	0.010 I 0.037	
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$			11/21	DCE410	0.022 S 0.045	Y	
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	1.056 19.485	485 18 N/A	BCE411	1.696 I 1.665	1		
$\begin{array}{c c c c c c c c c c c c c c c c c c c $				0.615 S 0.595	X X		
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	0.842 16.707	20 N/A		0.288 I 1.723			
$\begin{array}{c c c c c c c c c c c c c c c c c c c $				BCE412	0.242 S 0.862		
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	1 1 3 0	17 936	16	NI/A	BCE413	0.384 I 2.195	
1.540 13.016 15 N/A BCE414 0.562 S 1.222 x	1.139	17.730	10		DCE413	0.308 S 1.096	
	1.540	13.016	15	N/A	BCE414	0.740 I 2.447	
		13.010		- 1/ - 1		0.562 S 1.223	

BONNELL
ALUMINUM

## PRICING FACTORS 1 3/4" X 4" FLUSH GLAZED

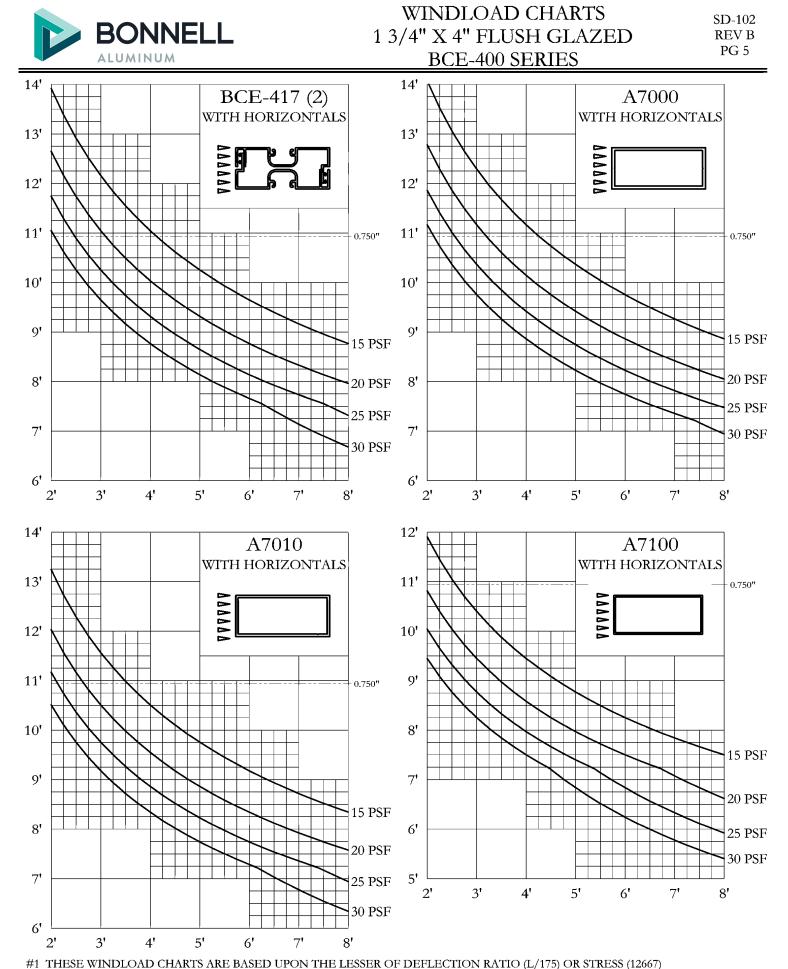
SD-102 REV B PG 3

	ALUMINU	JW		- ,	BCE-400	PG 3
WEIGHT PER FT	EST PER	FACTOR	CAVITY AREA	PART NUMBER	STRUCTURAL VALUES X-X Y-Y	1/8 SIZE DETAILS
0.896	19.196	21	N/A	BCE417	0.106 I 1.327 0.097 S 0.634	x <b>re</b> y y
0.552	12.277	22	N/A	BCE430	0.025 I 0.395 0.055 S 0.226	x 🎝 x
0.112	3.494	31	N/A	BCE431	0.008 I 0.001 0.015 S 0.004	X X X Y
0.899	14.003	16	N/A	BCE433	0.106 I 1.103 0.143 S 0.518	X y X
0.979	15.098	15	N/A	BCE434	0.058 I 1.271 0.074 S 0.636	x
0.448	9.805	22	N/A	BCE473	0.008 I 0.356 0.016 S 0.203	X <del>Y</del> Y Y
0.370	8.473	23	N/A	BCE475	0.001 I 0.356 0.003 S 0.204	$x \xrightarrow{Y} x$
1.042	19.196	18	N/A	BCE476	0.349 I 1.938 0.276 S .0962	x x x
0.109	2.712	25	N/A	BCE5	0.004 I 0.002 0.009 S 0.006	X Y Y
1.650	11.488	13	N/A	A7000	0.732 I 2.740 0.837 S 1.370	
1.357	11.488	16	N/A	A7010	0.617 I 2.285 0.705 S 1.142	
2.324	15.988	13	N/A	A7044	4.854 I 4.854 2.427 S 2.427	Y X X Y
1.524	11.500	14	N/A	A7080	0.683 I 2.546 0.781 S 1.273	
1.202	11.500	19	N/A	A7090	0.555 I 2.039 0.634 S 1.020	
0.968	11.473	23	N/A	A7100	0.455 I 1.660 0.520 S 0.830	



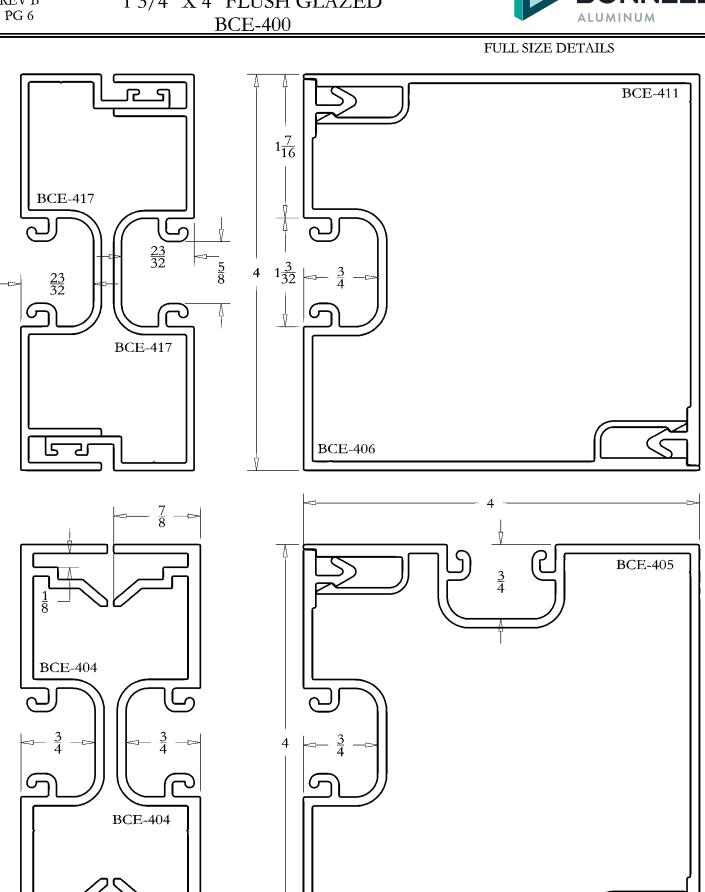
#1 THESE WINDLOAD CHARTS ARE BASED UPON THE LESSER OF DEFLECTION RATIO (L/175) OR STRESS (12667)

#2 THESE STRUCTURAL CURVES ARE ESTIMATES AND ARE PRESENTED TO THE BEST KNOWLEDGE OF THE WILLIAM L BONNELL CO. IT IS, HOWEVER, THE RESPONSIBILITY OF THE CUSTOMER TO BE SATISFIED THAT THE CURVES ARE CORRECT. THE WILLIAM L BONNELL CO. MAY NOT BE HELD RESPONSIBLE IN ANY WAY FOR THE FAILURE OF PERFORMANCE RESULTING FROM THE USE OF THESE CURVES.



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BCE-406

DETAIL SHEET 1 3/4" X 4" FLUSH GLAZED

BONNELL

REV B PG 6

SD-102



## DETAIL SHEET 1 3/4" X 4" FLUSH GLAZED BCE-400

SD-102 REV B PG 7

