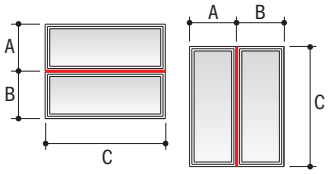
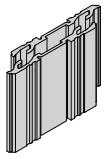
100 SERIES COMBINATION DESIGNS

1-Way Reinforced Fiberglass Joining

100 Series Windows: Casement, Awning, Picture, Single-Hung, Gliding

Applicable for flanged or flangeless installations into wood, metal, concrete or masonry.





5 ⅛" (130) x ¾" (19)
Fiberglass Joining Material
For 4 9/16" (116) wall depth.

Average Adjacent Window Dimension	C = (length of join)	2'-0" (610)	2'-6" (762)	3'-0" (914)	3'-6" (1067)	4'-0" (1219)	4'-6" (1372)	5'-0" (1524)	5'-6" (1676)	6'-0" (1829)	6'-6" (1981)	7'-0" (2134)	7'-6" (2286)	8'-0" (2438)	8'-6" (2591)	9'-0" (2743)	9'-6" (2896)	10'-0" (3048)	10'-6" (3200)	11'-0" (3353)	11'-6" (3505)	12'-0" (3658)
(A + B) ÷ 2 = **8'-0"** (2438)		50	50	50	50	50	50	50	50	50	50	50										
(A + B) ÷ 2 = **7'-6"** (2286)		50	50	50	50	50	50	50	50	50	50	50										
(A + B) ÷ 2 = **7'-0"** (2134)		50	50	50	50	50	50	50	50	50	50	50										
(A + B) ÷ 2 = **6'-6"** (1981)		50	50	50	50	50	50	50	50	50	50	50										
(A + B) ÷ 2 = **6'-0"** (1829)		50	50	50	50	50	50	50	50	50	50	50	50	50								
(A + B) ÷ 2 = **5'-6"** (1676)		50	50	50	50	50	50	50	50	50	50	50	50	50								
(A + B) ÷ 2 = **5'-0"** (1524)		50	50	50	50	50	50	50	50	50	50	50	50	50								
(A + B) ÷ 2 = **4'-6"** (1372)		50	50	50	50	50	50	50	50	50	50	50	50	50								
(A + B) ÷ 2 = **4'-0"** (1219)		50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	37	35	28	27
(A + B) ÷ 2 = **3'-9"** (1372)		50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	42	40	30	28
(A + B) ÷ 2 = **3'-6"** (1067)		50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	44	42	32	30
(A + B) ÷ 2 = **3'-0"** (914)		50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	48	36	34
(A + B) ÷ 2 = **2'-6"** (762)		50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	42	40
(A + B) ÷ 2 = **2'-0"** (610)		50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
(A + B) ÷ 2 = **1'-6"** (457)		50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50

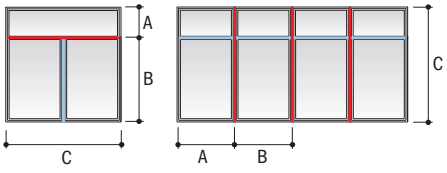
2-Way Reinforced Fiberglass Joining*

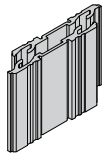
100 Series Windows: Casement, Awning, Picture, Single-Hung, Gliding

Applicable for flanged or flangeless installations into wood, metal, concrete or masonry.

Average Adjacent Window Dimension	C = (length of join)	2'-0" (610)	2'-6" (762)	3'-0" (914)	3'-6" (1067)	4'-0" (1219)	4'-6" (1372)	5'-0" (1524)	5'-6" (1676)	6'-0" (1829)	6'-6" (1981)	7'-0" (2134)	7'-6" (2286)	8'-0" (2438)	8'-6" (2591)	9'-0" (2743)	9'-6" (2896)	10'-0" (3048)	10'-6" (3200)	11'-0" (3353)	11'-6" (3505)	12'-0" (3658)
(A + B) ÷ 2 = **6'-0"** (1829)		50	50	50	50	50	50	50	50	50	50	50	50	50	50	49	44	40	26	23	21	20
(A + B) ÷ 2 = **5'-6"** (1676)		50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	48	43	28	26	23	21
(A + B) ÷ 2 = **5'-0"** (1524)		50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	48	32	30	26	24
(A + B) ÷ 2 = **4'-6"** (1372)		50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	36	33	27	25
(A + B) ÷ 2 = **4'-0"** (1219)		50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	41	37	30	28
(A + B) ÷ 2 = **3'-9"** (1372)		50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	43	40	32	30
(A + B) ÷ 2 = **3'-6"** (1067)		50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	47	42	35	32
(A + B) ÷ 2 = **3'-0"** (914)		50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	40	37
(A + B) ÷ 2 = **2'-6"** (762)		50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	43	40
(A + B) ÷ 2 = **2'-0"** (610)		50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
(A + B) ÷ 2 = **1'-6"** (457)		50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50

Red lines represent reinforced joins.
Blue lines represent non-reinforced joins.





5 ⅛" (130) x ¾" (19)
Fiberglass Joining Material
For 4 9/16" (116) wall depth.

- Numerical values in charts represent structural pressure only.
- Structural performance of any combination is only as high as the lowest structural performance of any individual unit or joining material in the combination.
- Performance of two-way combinations may be limited by non-reinforced joins 6' (1829) or greater in length. Verify performance of non-reinforced joins within two-way combinations using the appropriate non-reinforced joining table.
- Andersen products must be installed and anchored properly according to joining and installation guides to meet rated structural performance. Refer to product joining and installation guides at andersenwindows.com.
- Single transom windows use "picture" frame type. Integral transom windows use "single-hung" frame type. Combination performance should be determined accordingly.

*All two-way joining requires both non-reinforced and reinforced elements. Intersecting reinforced or non-reinforced joints are not available.

- Dimensions in parentheses are in millimeters.