

CURTAIN WALLS Index

Section

PW251 1" Curtain Wall..... **D1**

 PW256 9/16" Hurricane Impact-Resistant Curtain Wall **D2**

 PW257 1-5/16" Hurricane Impact-Resistant Curtain Wall..... **D3**



PW256

9/16" Hurricane Impact-Resistant Curtain Wall Systems

	<i>Section</i>	<i>Page</i>
 PW256 Options & Limitations Chart.....	(D2).....	2
 PW256 Screw Spline Extrusions • 9/16" Insulating Glass.....	(D2).....	3-4
 PW256 Accessories	(D2).....	5-6



High Velocity Hurricane Zone Applications

OPTIONS AND LIMITATIONS

Front Line PW256 Hurricane Impact-Resistant Curtain Wall System

Design Pressure P.S.F.	Intermediate Vertical Mullion <i>Without Steel</i>	Intermediate Vertical Mullion <i>With Steel SR150 with 1/2" x 4" Bar Welded</i>	Intermediate Vertical Mullion <i>With Steel SR150 with 3/4" x 4" Bar Welded</i>	Wall Jamb Mullion <i>Must Be Anchored at Horizontals</i>	Maximum Mullion	Maximum Mullion Anchor Point	Maximum Mullion Spacing Center to Center <i>* see notes</i>	Maximum Glass Size Daylite Opening	Square Feet	Qualified Glass Types
PW256 Impact Resistant Curtain Wall - Captured										
+65/-65	PW550/202			PW550/202	108"		48"	45 1/2" x 84"	26.5	B,U,A
+80/-80		PW550/202		PW550/202	150"	150"	60"	57 1/2" x 96"	38.3	A
+80/-80			PW550/202	PW550/202	150"	150"	76 1/2" *(1)	72" x 47 1/4"	23.6	A
+80/-80	*(3)	Corner PW208/209 and SR504			150"	150"	60"	57 1/2" x 96"	38.3	A
PW256 Impact Resistant Curtain Wall - Butt Glazed										
+80/-80		PW151/202		PW550/202		150"	48"	45 1/2" x 96"	30.5	A
+80/-80	*(2)	Corner Captured Only PW208/209 and SR504			150"	150"	48"	45 1/2" x 96"	30.5	A
PW256 Impact Resistant Curtain Wall - Dry Glazed										
+65/-65		PW550/202		PW550/202	150"		60"			I

Glass Composition	Manufacturer	Glass Type
9/16" Laminated Glass Two 1/4" HS Glass and .075 Venceva Interlayer	Solutia	A
9/16" Laminated Glass Two 1/4" HS Glass and .090 Solutia Saflex PVB Interlayer	Solutia	B
9/16" Laminated Glass Two 1/4" HS Glass and .120 Uvekol Type S Interlayer	Coral Industries Inc.	U
9/16" Laminated Glass Two 1/4" HS Glass and .090 Sentry Glass Plus Interlayer	DuPont	I

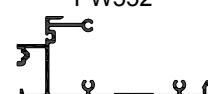
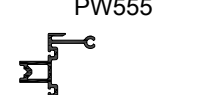
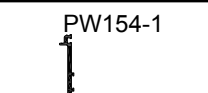
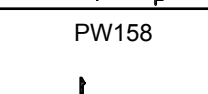
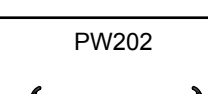
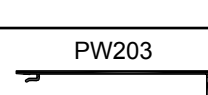
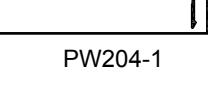
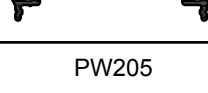
Comparative Analysis of Glass Based on ASTM E-1300

* Notes

1. Based on Opening for Door and frame. Horizontals must be used at 48" Intervals
2. Captured Corner can be used with Butt Glazed System, Mullion Spacing cannot exceed 48" on center
3. Corner Assembly consists of PW 208/209/154/PW210 and SR 504 Steel

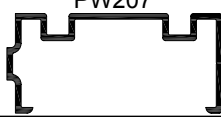
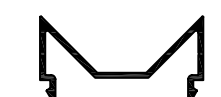


**2 1/2" x 6 9/16" SCREW SPLINE EXTRUSIONS
FOR 9/16" INSULATING GLASS**

ITEM	DESCRIPTION	LENGTH	FINISH CODE	
			CLEAR 10	BRONZE 20
PW550 	9/16" GLAZING VERTICAL JAMB MULLION	24' 3	\$288.00	\$308.00
PW151 	BUTT GLAZE VERTICAL MULLION	24' 3	\$232.00	\$250.00
PW552 	9/16" GLAZING HEAD / SILL	24' 3	MILL	
			\$225.00	
PW555 	9/16" GLAZING INTERMEDIATE HORIZONTAL	24' 3	\$280.00	\$300.00
PW556 	9/16" GLAZING TEE 90° O.S. CORNER	24' 4	MILL	
			\$69.00	
PW154-1 	90° O.S. CORNER PREPUNCHED PRESSURE BAR W / SPACER GASKET	24' 4	MILL	
			\$168.00	
PW158 	1" GLAZING FACE COVER 90° O.S. CORNER (2 REQ'D.)	24' 12	\$61.00	\$68.00
PW202 	VERTICAL MULLION FILLER	24' 12	\$95.00	\$103.00
PW203 	HEAD / HORIZONTAL / SILL TRIM	24' 4	\$139.00	\$151.00
PW204-1 	PREPUNCHED PRESSURE BAR W / SPACER GASKET	24' 12	MILL	
			\$77.00	
PW205 	VERTICAL / HORIZONTAL FACE COVER	24' 12	\$44.00	\$48.00

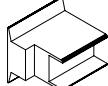
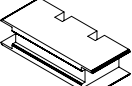
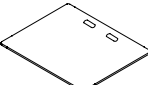
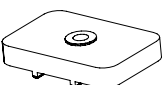
NOTE: Add Finish designation to Part Number when ordering.


**2 1/2" x 6 9/16" SCREW SPLINE EXTRUSIONS
FOR 9/16" INSULATING GLASS**

ITEM	DESCRIPTION	LENGTH PSC/BOX	FINISH CODE	
			CLEAR 10	BRONZE 20
PW207 	SPLICE SLEEVE / OR MULLION REINFORCEMENT	24' 3	MILL \$179.00	
PW208 	FEMALE HALF 90° O.S. CORNER	24' 4	\$177.00	
PW209 	MALE HALF 90° O.S. CORNER	24' 4	\$187.00	\$201.00
PW210 	INTERIOR 90° CORNER TRIM	24' 4	\$92.00	\$100.00
PW211 	90° CORNER SPLICE	24' 4	MILL \$135.00	
PW513 	POCKET FILLER FOR PW550 (Use at Jambs)	24' 8	\$38.00	\$46.00
			MILL - 00 \$29.00	

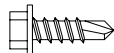
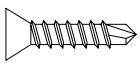
NOTE: Add Finish designation to Part Number when ordering.

ACCESSORIES

ITEM	DESCRIPTION	PCS / BOX BOX P/N	PRICE / BOX
SB14 	SETTING BLOCK 4" LONG EPDM	100 SB14-1	\$36.00
NG10 	INTERIOR / EXTERIOR GLAZING GASKET AT GLASS EPDM	250 FT	\$97.00
NG11 	EXTERIOR PERIMETER GASKET EPDM	500 FT	\$247.00
NG14 	BUTT GLAZE SPACER GASKET EPDM	500 FT	\$125.00
NG16 	DRY GLAZE GASKET EPDM	125 FT	\$219.00
SM5601 	JOINT SEALANT TAPE 1/8" X 1/2"	30' SM5601	\$19.00
SP202 	END DAM FOR 9/16" GLAZING (Injection Molded Plastic)	50 SP202-1	\$60.00
SP206 	BUTT GLAZE MULLION BRIDGE FOR 9/16" GLAZING (Injection Molded Plastic)	50 SP206-1	\$60.00
SP210 	TOP & BOTTOM MULLION COVER (Aluminum)	50 SP210-1	\$60.00
SP253 	TEMPORARY GLAZING RETAINER (Injection Molded Plastic)	50 SP253-1	\$60.00



ACCESSORIES

ITEM	DESCRIPTION	PCS / BOX BOX P/N	PRICE / BOX
SR150 	4-1/2" X 1-7/8" X 1/4" W / ZINC CHROMATE PRIMER STL. REINFORCEMENT	1 12'-0"	QUOTE
SR151 	4-1/2" X 1-7/8" X 10 GA. GLV. STL REINFORCEMENT	1 14'-0"	QUOTE
SR504 	4-5/8" X 1-7/16" X 1/4" W / ZINC CHROMATE PRIMER STL. REINFORCEMENT (Use with PW208 or PW209 90° Corner)	1 10'-0"	QUOTE
AS13 	1.475 X 1.475 X .180 Z. PLT. STEEL SQUARE NUT (Spacer at 90° Corner with SR504)	50 AS13-1	\$53.00
AS16 	#14 X 1" HHSTS SPLINE SCREW	100 AS16-1	\$24.00
AS21 	#6 X 3/8" PPH TYPE "AB" Z. PLT. (Attach PW205 Face Cover to Pressure Bar)	100 AS21-1	\$5.00
AS25 	#12 X 3/4" HWH #3 ZINK PLT. SELF DRILLING	100 AS25-1	\$20.00
AS27 	#12 X 1-1/2" #3 PFH SELF DRILLING Z. PLT. (Attach PW215 to PW151)	100 AS27-1	\$47.00
AS32 	PRESSURE BAR SCREWS #12 X 1-1/4" #3 HWH SELF DRILLING	200 AS32-1	\$19.00
AS35 	#12 X 1" FHP SELF DRILLING (Attach PW101-1 to PW150)	100 AS35-1	\$24.00
PW207-1 	SPLICE SLEEVE (Cut 6" Long)	12 PW207-2	\$79.00
PW211-1 	90° CORNER SPLICE (Cut 6" Long)	12 PW211-2	\$60.00



PW257 **1-5/16" Hurricane Impact-Resistant Curtain Wall Systems**

	<i>Section</i>	<i>Page</i>
 PW257 Options & Limitations Chart.....	(D3).....	2
 PW257 Screw Spline Extrusions • 1-5/16" Insulating Glass.....	(D3).....	3-4
 PW257 Accessories	(D3).....	5-6



High Velocity Hurricane Zone Applications

OPTIONS AND LIMITATIONS

Front Line PW257 Hurricane Impact-Resistant Curtain Wall System

Design Pressure P.S.F.	Intermediate Vertical Mullion Without Steel	Intermediate Vertical Mullion With Steel SR150 with 1/2" x 4" Bar Welded	Intermediate Vertical Mullion With Steel SR150 with 3/4" x 4" Bar Welded	Wall Jamb Mullion Must Be Anchored at Horizontals	Maximum Un-Spliced Mullion	Maximum Mullion Anchor Point	Maximum Mullion Spacing Center to Center * see notes	Maximum Glass Size Daylite Opening	Square Feet	Qualified Glass Types
PW257 Impact Resistant Curtain Wall - Captured										
+65/-65	PW650/202			PW650/202	108"		48"	45 1/2" x 84"	26.5	IE, IB
+80/-80		PW650/202		PW650/202	150"	150"	60"	57 1/2" x 96"	38.3	ID
+80/-80			PW650/202	PW650/202	150"	150"	76 1/2" *(1)	74" x 47 1/4"	28.2	ID
+80/-80	*(3)	Corner PW208/209 and SR504			150"	150"	60"	57 1/2" x 96"	38.3	ID
PW257 Impact Resistant Curtain Wall - Butt Glazed										
+80/-80		PW151/202		PW650/202		150"	48"	45 1/2" x 96"	30.5	IB, IE, ID
+80/-80	*(2)	Corner Captured Only PW208/209 and SR504			150"	150"	48"	45 1/2" x 96"	30.5	ID
PW257 Impact Resistant Curtain Wall - Dry Glazed										
+80/-80		PW650/202		PW650/202	108"		60"			ID

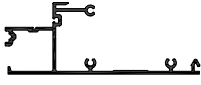
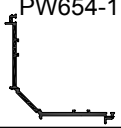
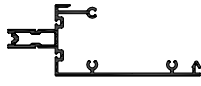
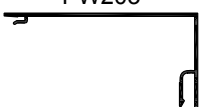
Glass Composition	Manufacturer	Glass Type
1-5/16" Insulated Glass 1/4" Tempered Lite - 1/2" Air Space (Aluminum Box Spacer) - 1/4" H.S. Lite .090 Dupont Butcite PBV Interlayer 1/4" H.S. Lite	Dupont	IE
1-5/16" Insulated Glass 1/4" Tempered Lite - 1/2" Air Space (Aluminum Box Spacer) - 1/4" H.S. Lite .090 Solutia Saflex PVB Interlayer 1/4" H.S. Lite	Solutia	IB
1-5/16" Insulated Glass 1/4" Tempered Lite - 1/2" Air Space (Aluminum Box Spacer) - 1/4" H.S. Lite .090 Sentry Glass PWS Interlayer 1/4" H.S. Lite	DuPont	ID

Comparative Analysis of Glass Based on ASTM E-1300

* Notes

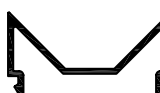
- Based on Opening for Door and frame. Horizontals must be used at 48" Intervals
- Captured Corner can be used with Butt Glazed System, Mullion Spacing cannot exceed 48" on center
- Corner Assembly consists of PW 208/209/654/PW210 and SR 504 Steel

**2 1/2" x 7 5/16" SCREW SPLINE EXTRUSIONS
FOR 1 5/16" INSULATING GLASS**

ITEM	DESCRIPTION	LENGTH	FINISH CODE	
			CLEAR 10	BRONZE 20
PW650 	1 5/16" GLAZING VERTICAL JAMB MULLION	24' 3	\$327.00	\$351.00
PW151 	BUTT GLAZE VERTICAL MULLION	24' 3	\$232.00	\$250.00
PW652 	1 5/16" GLAZING HEAD / SILL	24' 3	MILL \$251.00	
PW654-1 	90° O.S. CORNER PREPUNCHED PRESSURE BAR W / SPACER GASKET	24' 4	MILL \$183.00	
PW655 	1 5/16" GLAZING INTERMEDIATE HORIZONTAL	24' 3	\$319.00	\$343.00
PW656 	1 5/16" GLAZING TEE 90° O.S. CORNER	24' 4	MILL \$150.00	
PW658 	1 5/16" GLAZING FACE COVER 90° O.S. CORNER (2 REQ'D)	24' 12	\$70.00	\$78.00
PW202 	VERTICAL MULLION FILLER	24' 12	\$95.00	\$103.00
PW203 	HEAD / HORIZONTAL / SILL TRIM	24' 4	\$139.00	\$151.00
PW204-1 	PREPUNCHED PRESSURE BAR W / SPACER GASKET	24' 12	MILL \$77.00	
PW205 	VERTICAL / HORIZONTAL FACE COVER	24' 12	\$44.00	\$48.00

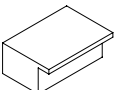
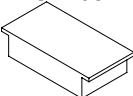
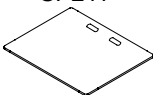
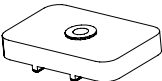
NOTE: Add Finish designation to Part Number when ordering.


**2 1/2" x 7 5/16" SCREW SPLINE EXTRUSIONS
FOR 1 5/16" INSULATING GLASS**

1/2" X 7 5/16" Spline Extrusions FOR 1 5/16" Insulating Glass		Length	Finish Code	
Item	Description	PSC/BOX	Clear 10	Bronze 20
 PW207	Splice Sleeve / Or Mullion Reinforcement	24' 3	MILL	
			\$179.00	
 PW208	Female Half 90° O.S. Corner	24' 4	\$177.00	\$191.00
 PW209	Male Half 90° O.S. Corner	24' 4	\$187.00	\$201.00
 PW210	Interior 90° Corner Trim	24' 4	\$92.00	\$100.00
 PW211	90° Corner Splice	24' 4	MILL	
			\$135.00	
 PW613	Pocket Filler for PW650 (Use at Jambs)	24' 8	\$51.00	\$56.00
			MILL - 00 \$39.00	

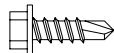
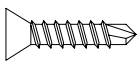
NOTE: Add Finish designation to Part Number when ordering.

ACCESSORIES

ITEM	DESCRIPTION	PCS / BOX BOX P/N	PRICE / BOX
SB18 	SETTING BLOCK 4" LONG EPDM	100 SB18-1	\$55.00
NG10 	INTERIOR / EXTERIOR GLAZING GASKET AT GLASS EPDM	250 FT	\$97.00
NG11 	EXTERIOR PERIMETER GASKET EPDM	500 FT	\$247.00
NG14 	BUTT GLAZE SPACER GASKET EPDM	500 FT	\$125.00
NG16 	DRY GLAZE GASKET EPDM	500 FT	\$498.00
SM5601 	JOINT SEALANT TAPE 1/8" X 1/2"	30' SM5601	\$19.00
SP204 	END DAM FOR 1 5/16" GLAZING (EVA Foam)	50 SP204-1	\$60.00
SP208 	BUTT GLAZE MULLION BRIDGE FOR 9/16" GLAZING (EVA Foam)	50 SP208-1	\$60.00
SP211 	TOP & BOTTOM MULLION COVER (Aluminum)	50 SP211-1	\$60.00
SP253 	TEMPORARY GLAZING RETAINER (Injection Molded Plastic)	50 SP253-1	\$60.00



ACCESSORIES

ITEM	DESCRIPTION	PCS / BOX BOX P/N	PRICE / BOX
SR150 	4-1/2" X 1-7/8" X 1/4" W / ZINC CHROMATE PRIMER STL. REINFORCEMENT	1 12'-0"	QUOTE
SR151 	4-1/2" X 1-7/8" X 10 GA. GLV. STL REINFORCEMENT	1 14'-0"	QUOTE
SR504 	4-5/8" X 1-7/16" X 1/4" W / ZINC CHROMATE PRIMER STL. REINFORCEMENT (Use with PW208 or PW209 90° Corner)	1 10'-0"	QUOTE
AS13 	1.475 X 1.475 X .180 Z. PLT. STEEL SQUARE NUT (Spacer at 90° Corner with SR504)	50 AS13-1	\$53.00
AS16 	#14 X 1" HHSTS SPLINE SCREW	100 AS16-1	\$24.00
AS21 	#6 X 3/8" PPH TYPE "AB" Z. PLT. (Attach PW205 Face Cover to Pressure Bar)	100 AS21-1	\$5.00
AS25 	#12 X 3/4" HWH #3 ZINK PLT. SELF DRILLING	100 AS25-1	\$20.00
AS27 	#12 X 1-1/2" #3 PFH SELF DRILLING Z. PLT. (Attach PW215 to PW151)	100 AS27-1	\$47.00
AS32 	PRESSURE BAR SCREWS #12 X 1-1/4" #3 HWH SELF DRILLING	200 AS32-1	\$19.00
AS35 	#12 X 1" FHP SELF DRILLING (Attach PW101-1 to PW150)	100 AS35-1	\$24.00
PW207-1 	SPLICE SLEEVE (Cut 6" Long)	12 PW207-2	\$79.00
PW211-1 	90° CORNER SPLICE (Cut 6" Long)	12 PW211-2	\$60.00