

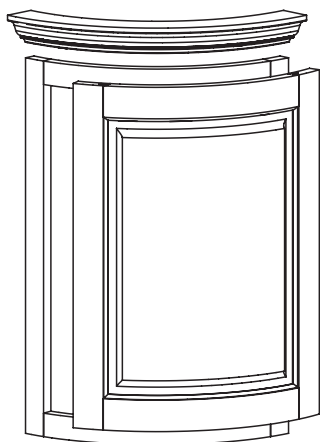


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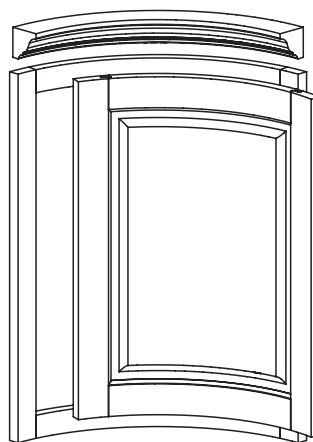
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D

Curved Products - Convex/Concave



Convex
Raised Panel Door, Face Frame
and Crown Molding Shown



Concave
Raised Panel Door, Face Frame
and Crown Molding Shown

C = This symbol is used throughout the catalog to represent products and profiles that are available Convex/Concave.
• See individual chapters and/or sections for more information.

Glossary of Curved Product Terms

Convex

Convex: Curving outwards like the outside of a circle.

- The chord length of a Convex product would be measured at the back.



Face (Convex)

Concave

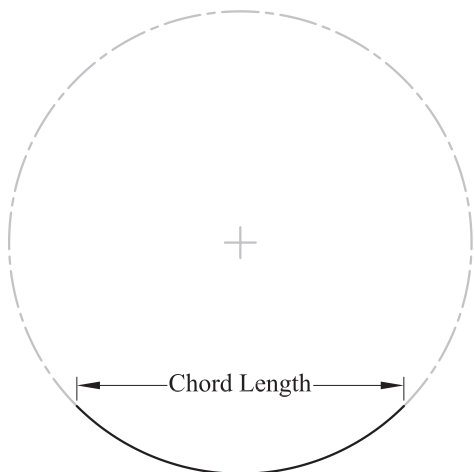
Concave: Curving inwards like the inside of a circle.

- The chord length of a Concave product would be measured at the front.



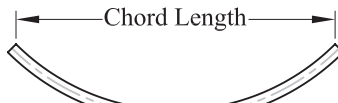
Face (Concave)

Chord



Chord: A straight line joining two points on a curve.

- **Convex:** Measured at the back of a product.
- **Concave:** Measured at the face of a product



Face (Convex)



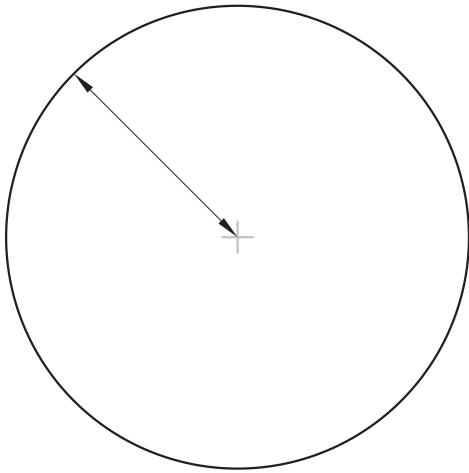
Face (Concave)

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► For PRICING ► See Section D.1 in our current Wholesale Pricing Catalog.

Glossary of Curved Product Terms...continued

Radius & Diameter

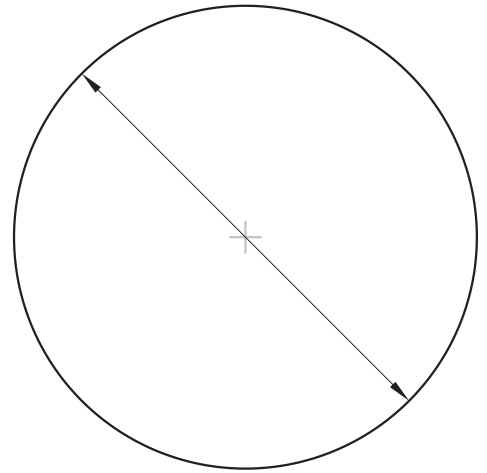


Radius: A straight line drawn from the center of a circle to any point on its circumference.

- Standard radii apply, see *Section D.4.*

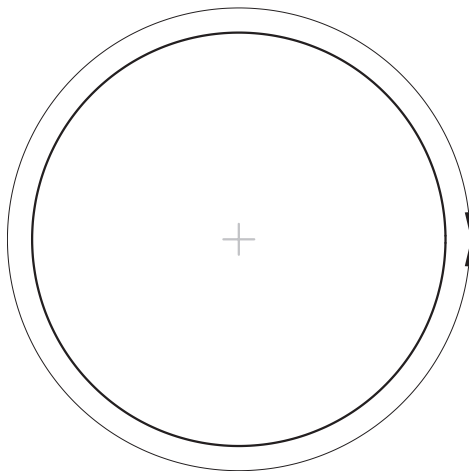
Diameter: A straight line passing through the center of a circle, ending at the boundary of the figure.

- The diameter is also the chord length for a half circle.



D

Circumference & Arc

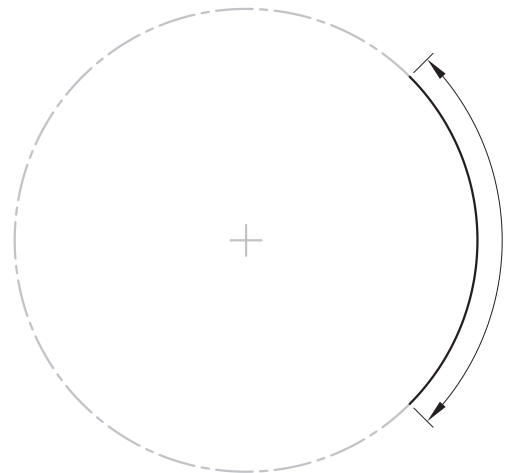


Circumference: The line bounding a circle, or its length.

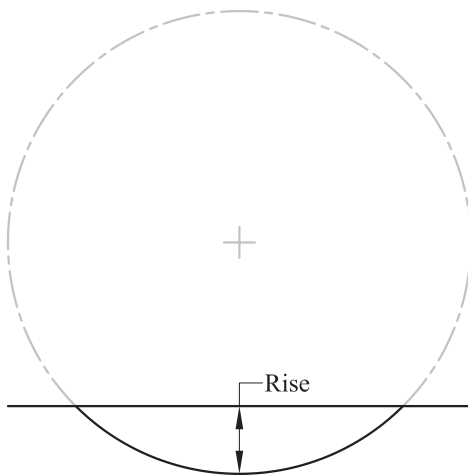
- Curved products are a part of a circle.

Arc: Part of the circumference of a circle or part of any other curve.

- The arc length is used as the width when calculating square footage for Curved products.

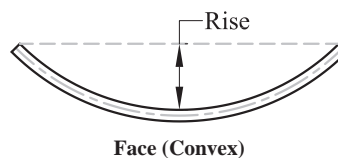


Rise

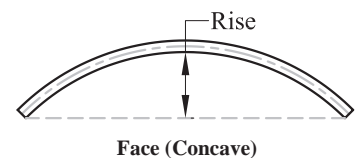


Rise: A change in vertical position measured from the center of the chord.

- The rise may be specified. If the rise falls into a custom radius application, a modification may be required to accommodate standard tooling requirements.



Face (Convex)



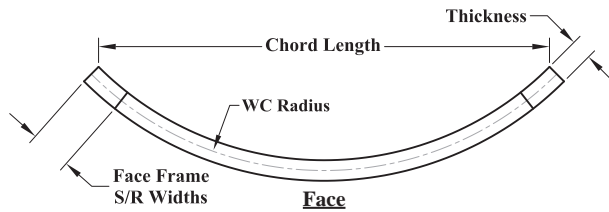
Face (Concave)

Glossary of Curved Product Terms - END

► For PRICING ► See Section D.1 in our current Wholesale Pricing Catalog.

D

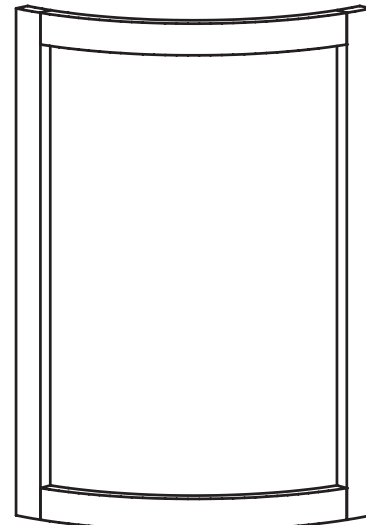
Convex Face Frame Only



Required Ordering Information

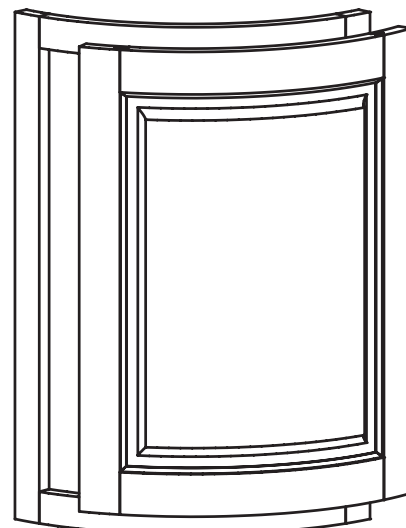
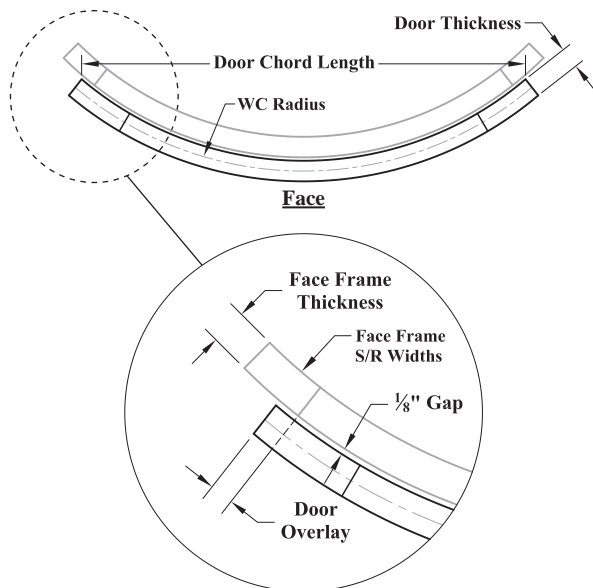
- Radius
- Chord Length
- Face Frame Thickness
- Overall Face Frame Height
- Opening Height(s)
- Stile and Rail Widths
- Face Frame Configuration (ex: **FF100**, **FF101**)
- Face Frame Stock Profile (ex: **FS100**, **FS101**)

Note: All radii are calculated to the center of a 3/4" [19.1mm] thick door (or face frame when ordering a face frame only). Convex products greater than 3/4" [19.1mm] thick will have radii calculated 3/8" [9.5mm] in from the face.



FF100 w/ FS100 Shown

Convex Face Frame w/ Overlay Door



FF100 w/ FS100 & Style 10 Door Shown

Required Ordering Information

- Door Radius
- Door Chord Length
- Door Thickness
- Door Height
- Door Overlay
- Door Style & Profiles
- Face Frame Thickness
- Face Frame Height
- Face Frame Opening Height(s)
- Face Frame Stile and Rail Widths
- Face Frame Configuration (ex: **FF100**, **FF101**)
- Face Frame Stock Profile (ex: **FS100**, **FS101**)

Note: All radii are calculated to the center of a 3/4" [19.1mm] thick door. Convex products greater than 3/4" [19.1mm] thick will have radii calculated 3/8" [9.5mm] in from the face.

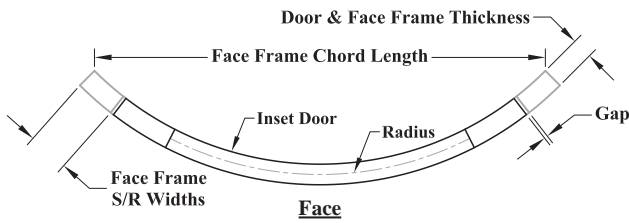
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► For PRICING ► See Section D.1 in our current Wholesale Pricing Catalog.

Convex Ordering Information

Convex/Concave Options

Convex Face Frame w/ Inset Door

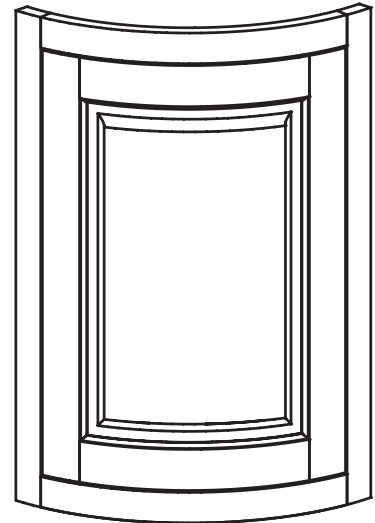


Required Ordering Information

- Door/Face Frame Radius
- Door/Face Frame Thickness
- Face Frame Opening Height(s)
- Gap Between Face Frame and Door
- Face Frame Configuration (ex: **FF100, FF101**)
- Face Frame Stock Profile (ex: **FS100, FS101**)
- Face Frame Chord Length
- Overall Face Frame Height
- Face Frame Stile & Rail Widths
- Door Style & Profiles

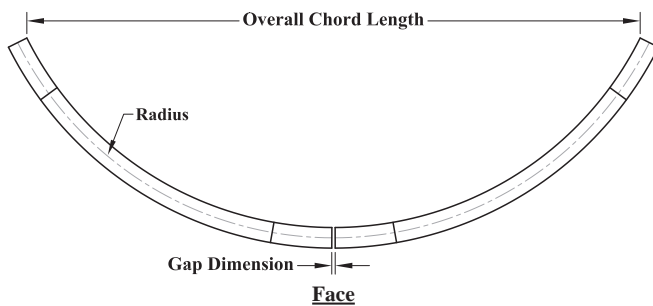
Note: Door will be sized by WalzCraft based on your chosen gap dimension.

Note: All radii are calculated to the center of a $\frac{3}{4}$ " [19.1mm] thick door. Convex products greater than $\frac{3}{4}$ " [19.1mm] thick will have radii calculated $\frac{3}{8}$ " [9.5mm] in from the face.



FF100 w/ FS100 & Style 10 Door Shown

Convex Pair of Doors



Required Ordering Information

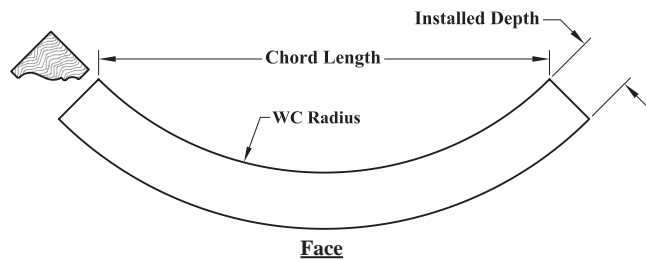
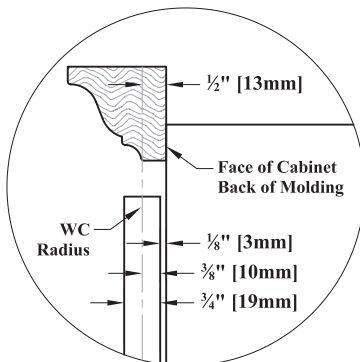
- Door Radius
- Door Thickness
- Gap Between Doors
- Overall Chord Length
- Overall Door Height
- Door Style & Profiles

Note: All radii are calculated to the center of a $\frac{3}{4}$ " [19.1mm] thick door. Convex products greater than $\frac{3}{4}$ " [19.1mm] thick will have radii calculated $\frac{3}{8}$ " [9.5mm] in from the face.

Convex Crown Molding



Crown Molding #2179 Shown



Required Ordering Information

Crown Molding Only: When ordering convex crown molding only (no door or face frame), please provide the radius at the back of the molding as well as the overall chord length.

Crown Molding with Door/Face Frame: When ordering convex crown molding with a door and/or face frame, WalzCraft will calculate the molding's radius based off of the door and/or face frame.

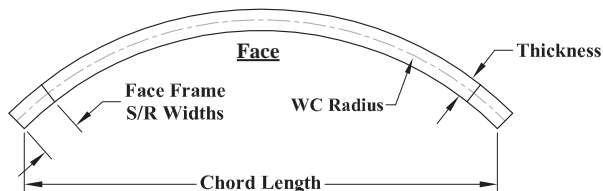
Note: This calculation will assume the crown molding will be attached to the face of the face frame and that there will be $\frac{1}{8}$ " [3.2mm] gap between the door and face frame.

Convex Ordering Information - END

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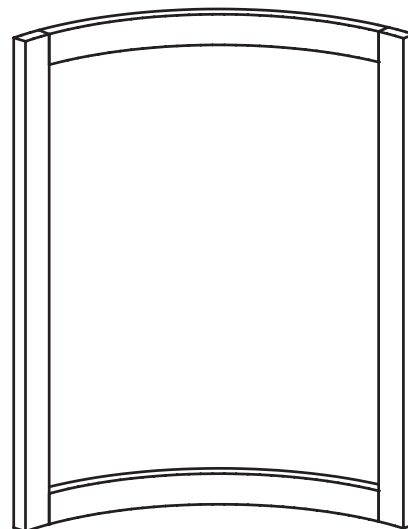
Concave Face Frame Only



Required Ordering Information

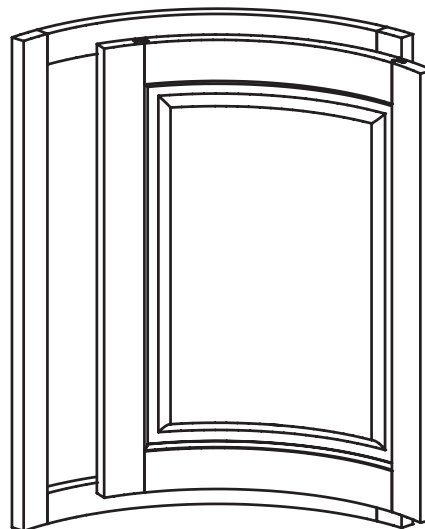
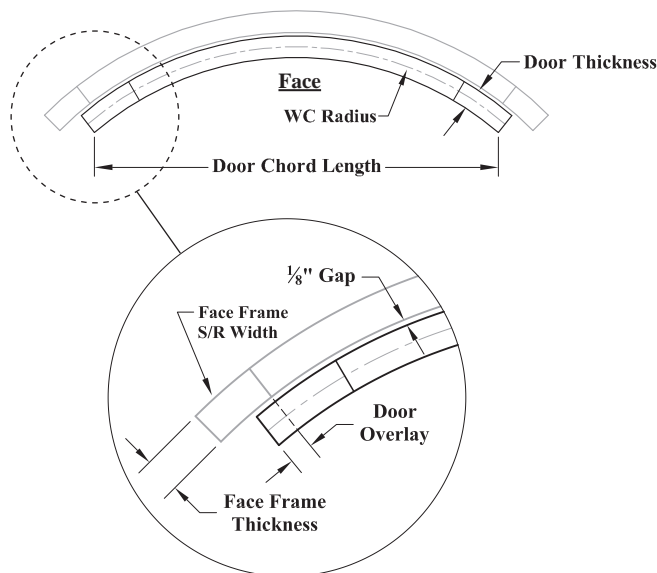
- Radius
- Face Frame Thickness
- Opening Height(s)
- Face Frame Configuration (ex: **FF100**, **FF101**)
- Face Frame Stock Profile (ex: **FS100**, **FS101**)
- Chord Length
- Overall Face Frame Height
- Stile and Rail Widths

Note: All radii are calculated to the center of a 3/4" [19.1mm] thick door (or face frame when ordering a face frame only). Concave products greater than 3/4" [19.1mm] thick will have radii calculated 3/8" [9.5mm] in from the back.



FF100 w/ FS100 Shown

Concave Face Frame w/ Overlay Door



FF100 w/ FS100 & Style 10 Door Shown

Required Ordering Information

- Door Radius
- Door Chord Length
- Door Thickness
- Door Height
- Door Overlay
- Door Style & Profiles
- Face Frame Thickness
- Face Frame Height
- Face Frame Opening Height(s)
- Face Frame Stile and Rail Widths
- Face Frame Configuration (ex: **FF100**, **FF101**)
- Face Frame Stock Profile (ex: **FS100**, **FS101**)

Note: All radii are calculated to the center of a 3/4" [19.1mm] thick door. Concave products greater than 3/4" [19.1mm] thick will have radii calculated 3/8" [9.5mm] in from the back.

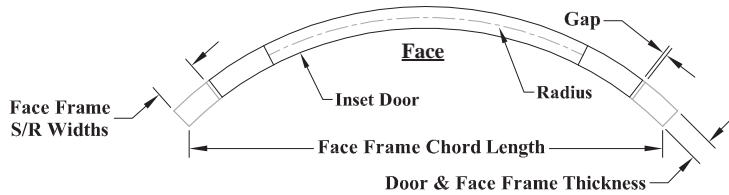
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► For PRICING ► See Section D.1 in our current Wholesale Pricing Catalog.

Concave Ordering Information

Convex/Concave Options

Concave Face Frame w/ Inset Door

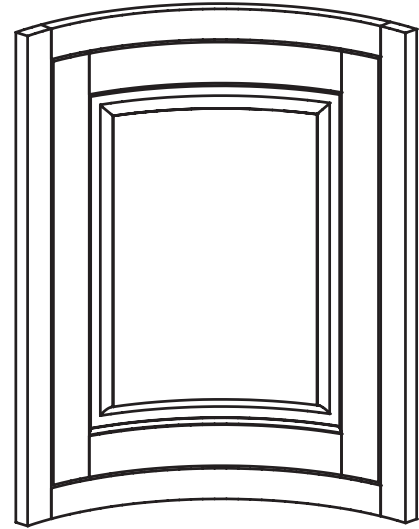


Required Ordering Information

- Door/Face Frame Radius
- Door/Face Frame Thickness
- Face Frame Opening Height(s)
- Gap Between Face Frame and Door
- Face Frame Configuration (ex: **FF100**, **FF101**)
- Face Frame Stock Profile (ex: **FS100**, **FS101**)
- Face Frame Chord Length
- Overall Face Frame Height
- Face Frame Stile & Rail Widths
- Door Style & Profiles

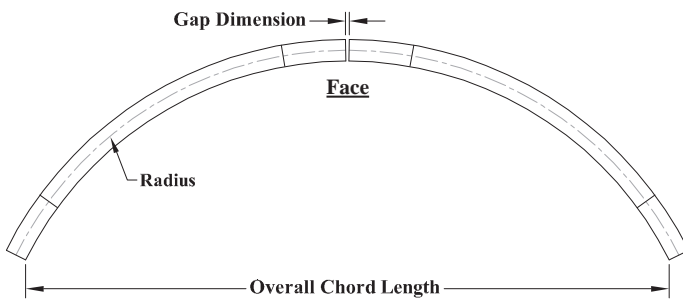
Note: Door will be sized by WalzCraft based on your chosen gap dimension.

Note: All radii are calculated to the center of a $\frac{3}{4}$ " [19.1mm] thick door. Concave products greater than $\frac{3}{4}$ " [19.1mm] thick will have radii calculated $\frac{3}{8}$ " [9.5mm] in from the back.



FF100 w/ FS100 & Style 10 Door Shown

Concave Pair of Doors



Required Ordering Information

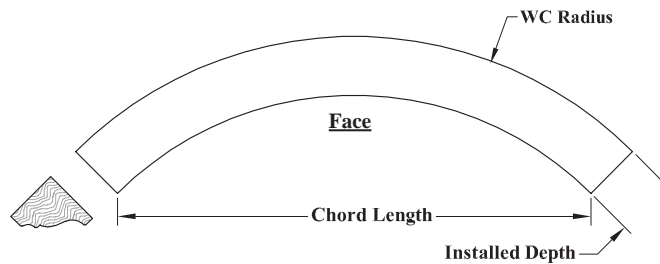
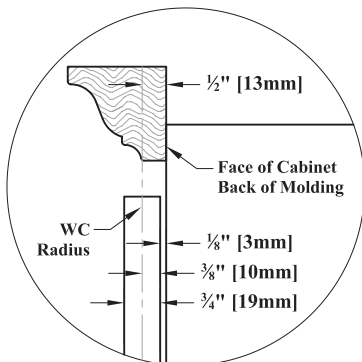
- Door Radius
- Door Thickness
- Gap Between Doors
- Overall Chord Length
- Overall Door Height
- Door Style & Profiles

Note: All radii are calculated to the center of a $\frac{3}{4}$ " [19.1mm] thick door. Concave products greater than $\frac{3}{4}$ " [19.1mm] thick will have radii calculated $\frac{3}{8}$ " [9.5mm] in from the back.

Concave Crown Molding



Crown Molding #2179 Shown



Required Ordering Information

Crown Molding Only: When ordering concave crown molding only (no door or face frame), please provide the radius at the back of the molding as well as the overall chord length.

Crown Molding with Door/Face Frame: When ordering concave crown molding with a door and/or face frame, WalzCraft will calculate the molding's radius based off of the door and/or face frame.

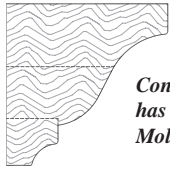
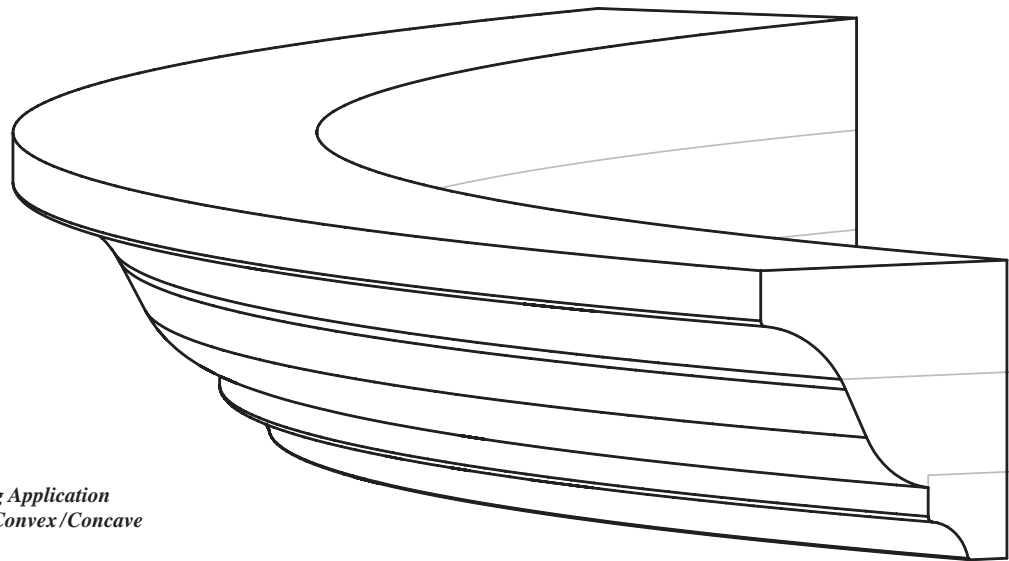
Note: this calculation will assume the crown molding will be attached to the face of the face frame and that there will be $\frac{1}{8}$ " [3.2mm] gap between the door and face frame.

Concave Ordering Information - END

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Convex Crown Molding Application

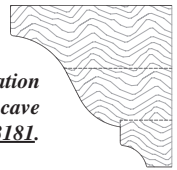
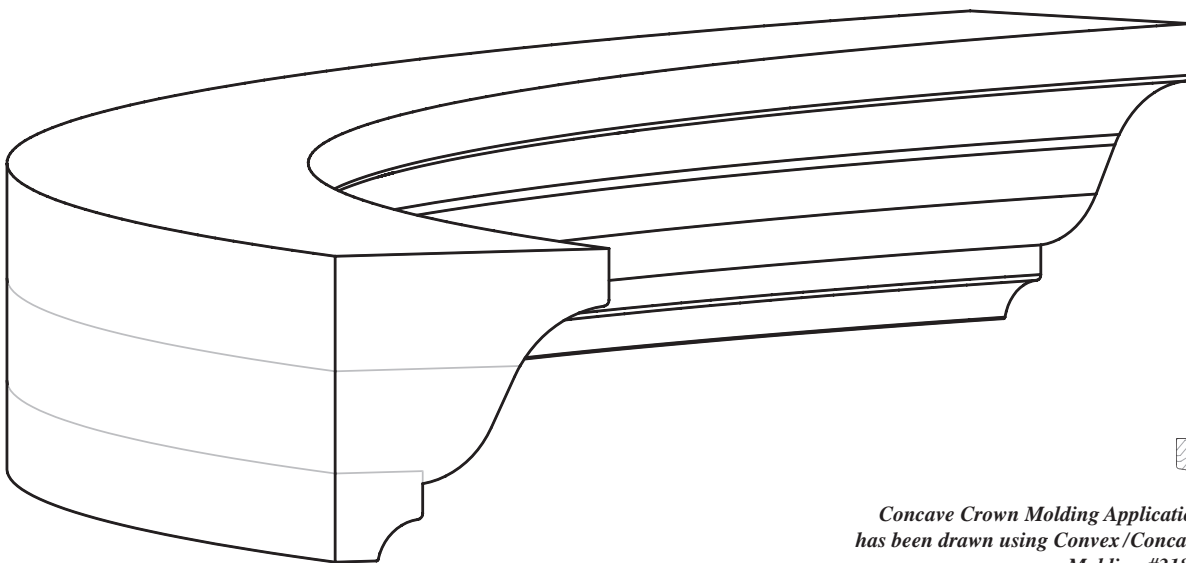
Not drawn to Full Scale



Convex Crown Molding Application
has been drawn using Convex/Concave
Molding #3181.

Concave Crown Molding Application

Not drawn to Full Scale



Concave Crown Molding Application
has been drawn using Convex/Concave
Molding #3181.

**** For Arched Canopy Crown Molding Options, Please see Section N.10 ****

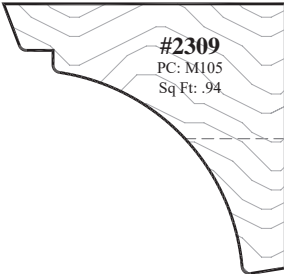
► **For PRICING** ► See Section **D.1** in our current Wholesale Pricing Catalog.

Convex/Concave Molding with Matching Crown Molding (#119)

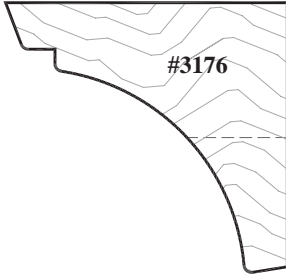
Crown Molding



Straight Crown Block Molding

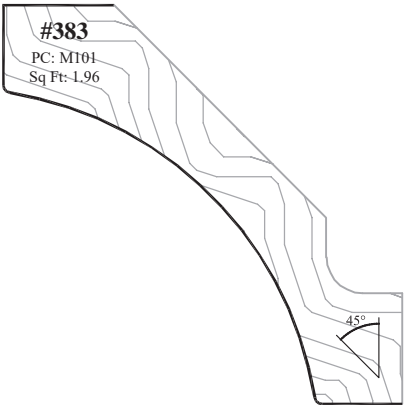


Convex/Concave Molding

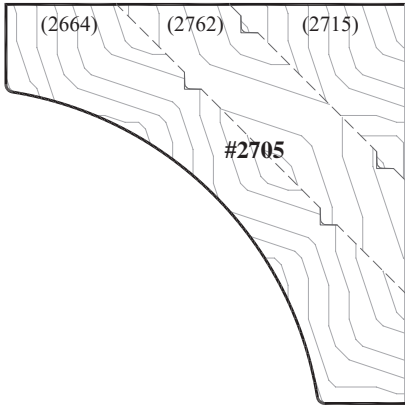


Convex/Concave Molding with Matching Crown Molding (#383)

Crown Molding

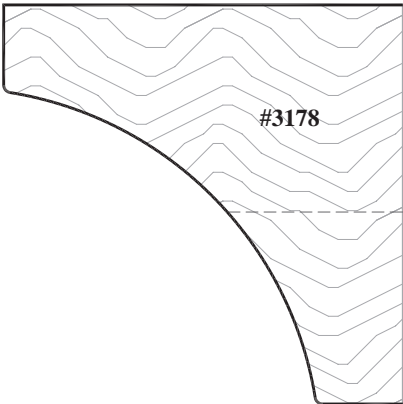


Straight Crown Block Molding



#2705
PC: M101 + 2 Assembly Fees
+ Post Assembly Machining Charge
Sq Ft: 4.29
Price Class applies to
straight stock molding only
Three pieces, assembled
by WalzCraft.

Convex/Concave Molding



** For Arched Canopy Crown Molding Options, Please see Section N.10 **

► For PRICING ► See Section D.1 in our current Wholesale Pricing Catalog.

Convex/Concave Molding with Matching Crown Molding (#208)

D

Crown Molding

#208
PC: M101
Sq Ft: 3.33

#2861

PC: M101 + 4 Assembly Fees
+ Post Assembly Machining Charge

Sq Ft: 11.0

Price Class applies to
straight stock molding only
Five pieces, assembled
by WalzCraft.

Straight Crown Block Molding

(2862) (2863) (2716) (2714) (2715)

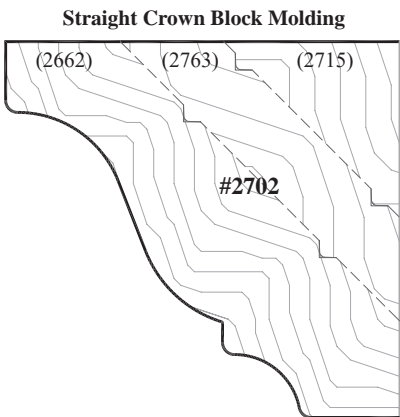
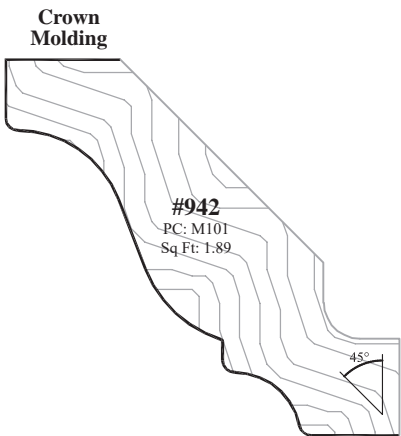
#2861

Convex/Concave Molding

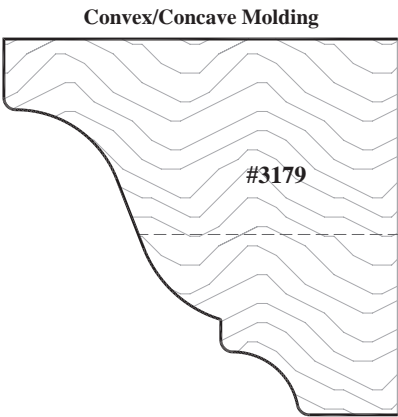
#3177

► For PRICING ► See Section D.1 in our current Wholesale Pricing Catalog.

Convex/Concave Molding with Matching Crown Molding (#942)



#2702
PC: M101 + 2 Assembly Fees
+ Post Assembly Machining Charge
Sq Ft: 4.12
Price Class applies to
straight stock molding only
Three pieces, assembled
by WalzCraft.



► For PRICING ► See Section D.1 in our current Wholesale Pricing Catalog.



WalzCraft.com



99.7% American Made

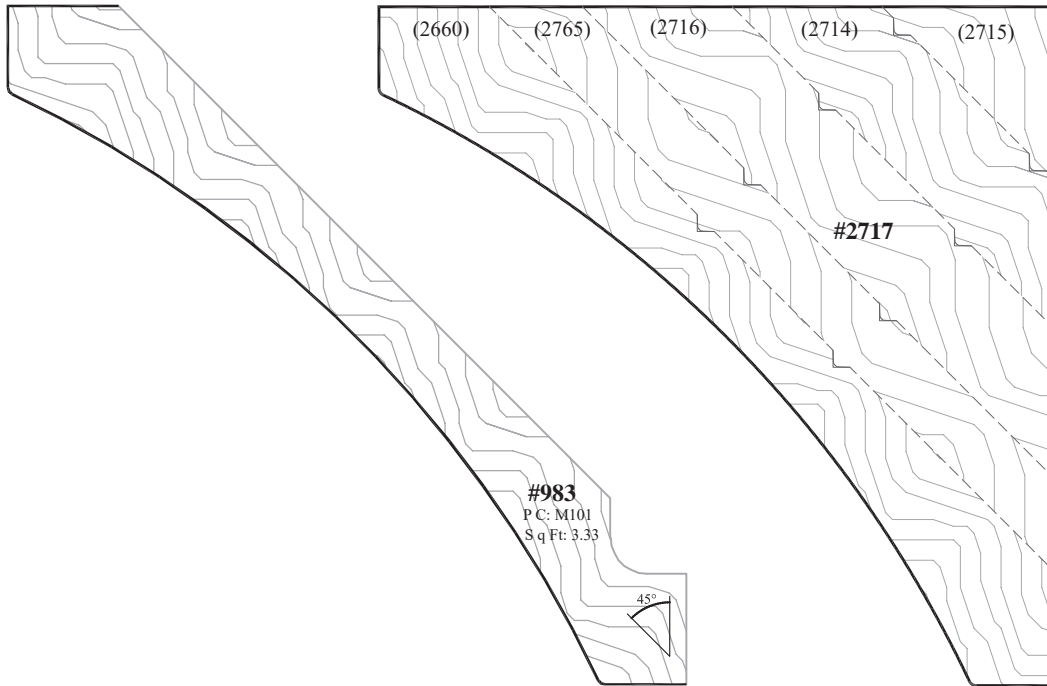
D.4.4

V18.2

Convex/Concave Molding with Matching Crown Molding (#983)

Crown
Molding

Straight Crown Block Molding



#2717

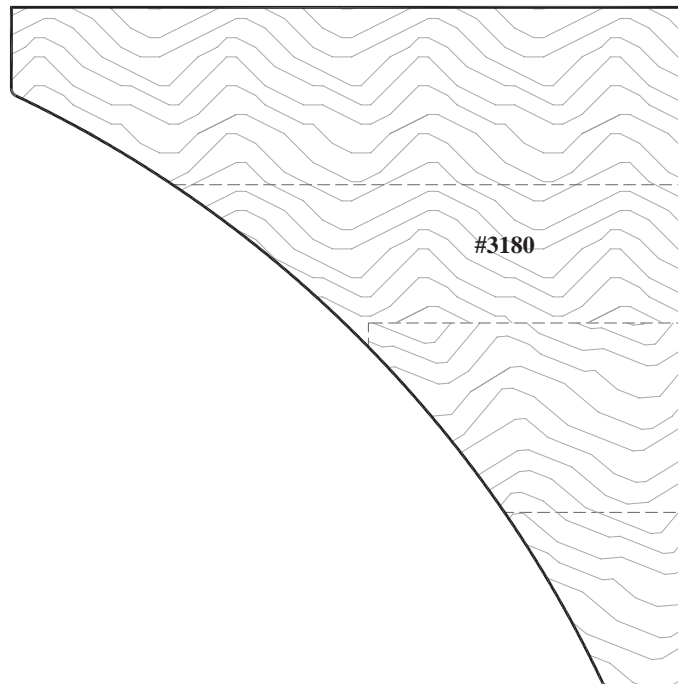
PC: M101 + 4 Assembly Fees
+ Post Assembly Machining Charge

Sq Ft: 10.92

Price Class applies to
straight stock molding only

*Five pieces, assembled
by WalzCraft.*

Convex/Concave Molding



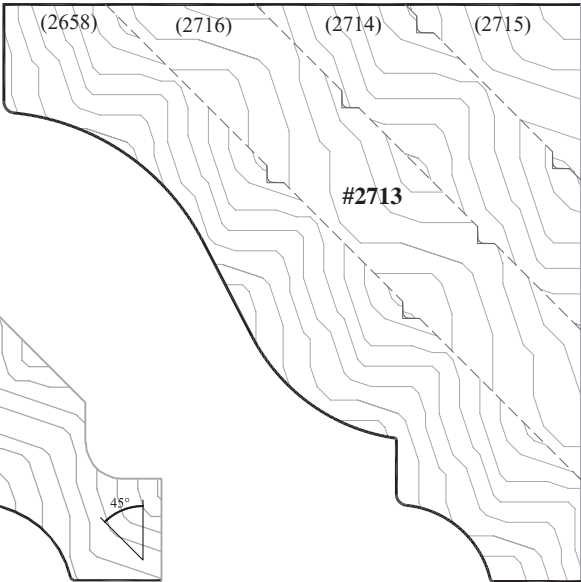
► For PRICING ► See Section **D.1** in our current Wholesale Pricing Catalog.

Convex/Concave Molding with Matching Crown Molding (#1160)

Crown
Molding

#1160
PC: M101
Sq Ft: 2.83

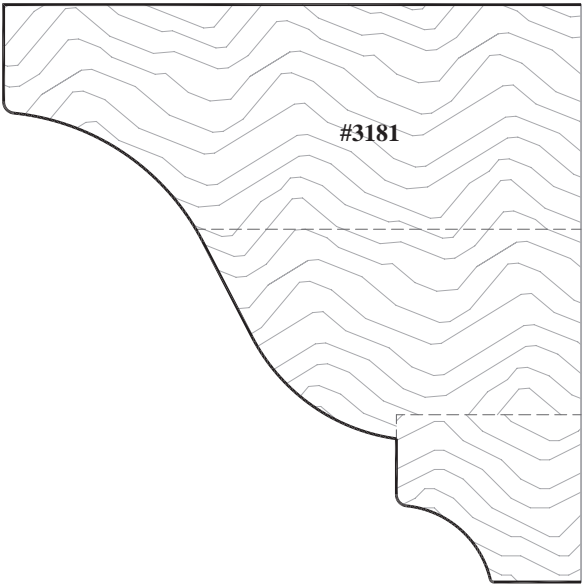
Straight Crown Block Molding



#2713

#2713
PC: M101 + 3 Assembly Fees
+ Post Assembly Machining Charge
Sq Ft: 7.63
Price Class applies to
straight stock molding only
Four pieces, assembled
by WalzCraft.

Convex/Concave Molding



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WalzCraft[®].com



99.7% American Made

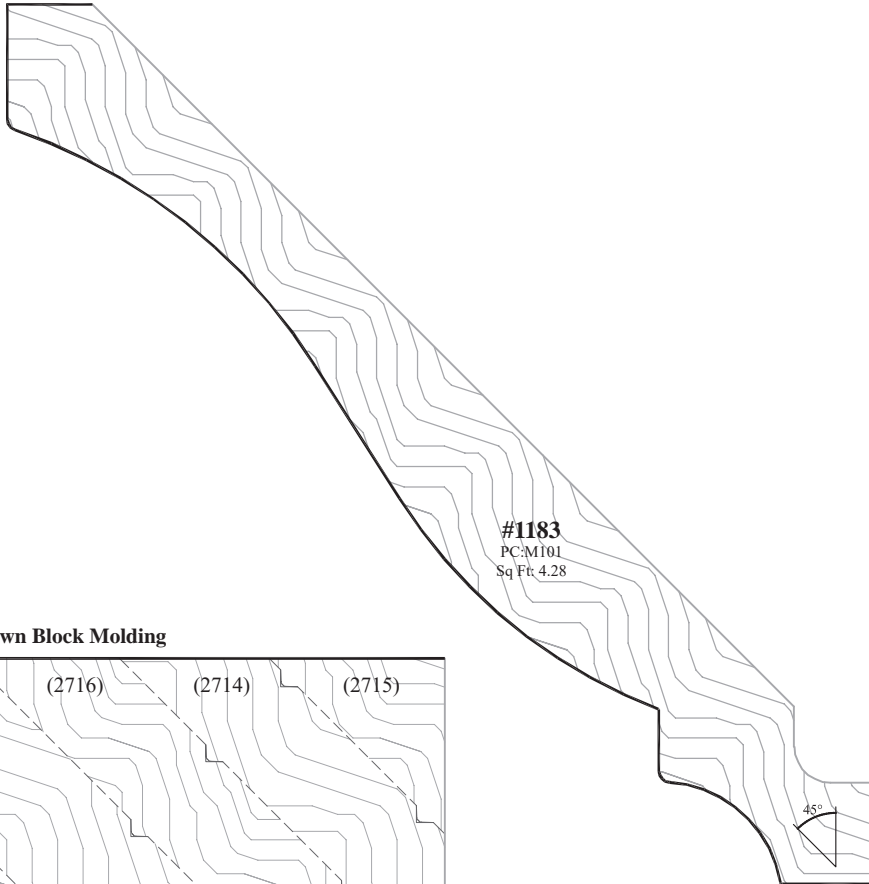
D.4.6

V18.2

Convex/Concave Molding with Matching Crown Molding (#1183)

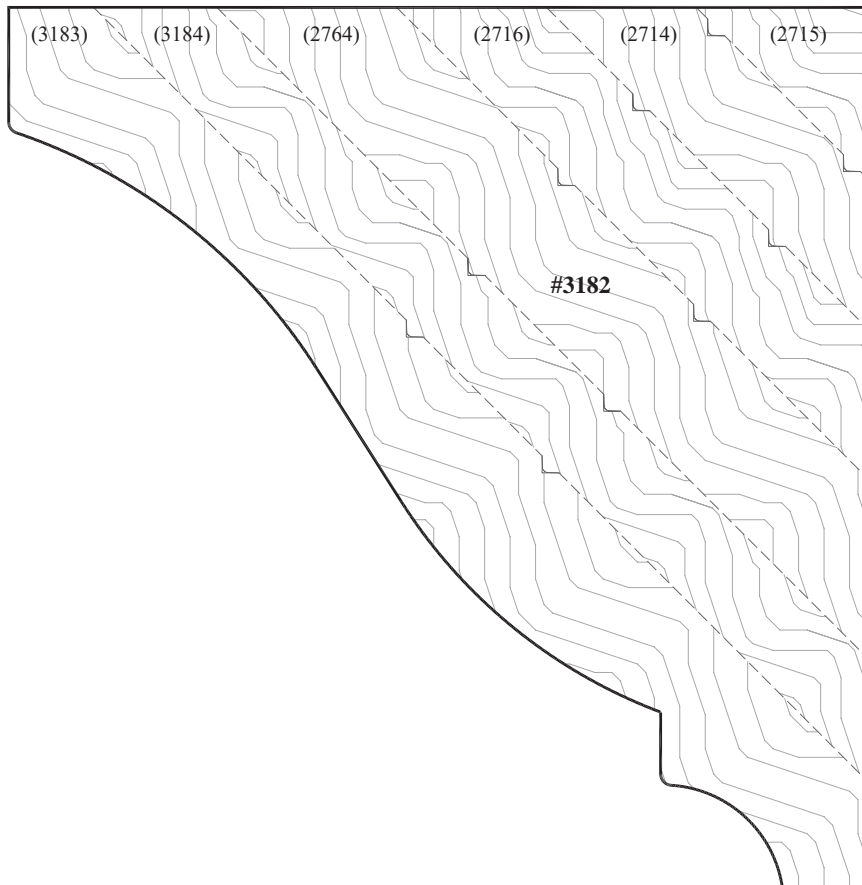
D

Crown Molding



#1183
PC: M101
Sq Ft: 4.28

Straight Crown Block Molding



#3182

#3182

PC: M101 + 5 Assembly Fees
+ Post Assembly Machining Charge

Sq Ft: 16.11

Price Class applies to
straight stock molding only

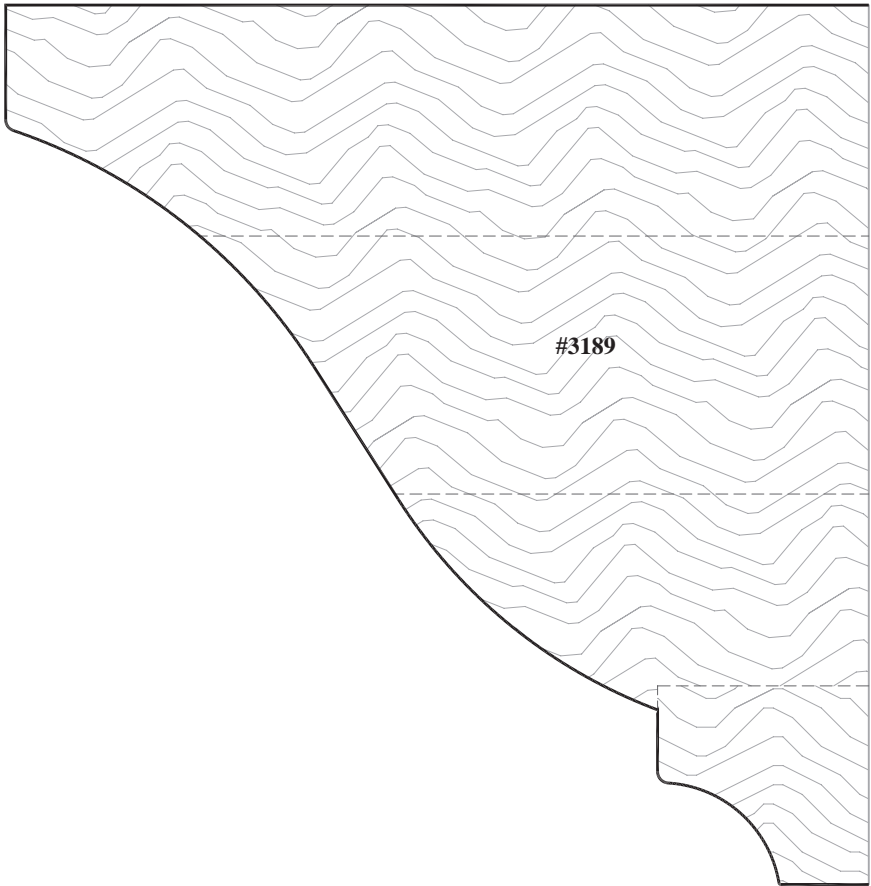
Four pieces, assembled
by WalzCraft.

Molding Continued on Next Page

► For PRICING ► See Section D.1 in our current Wholesale Pricing Catalog.

Convex/Concave Molding with Matching Crown Molding (#1183)...continued

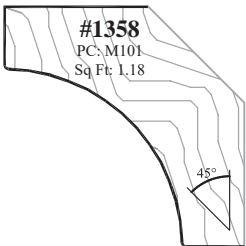
Convex/Concave Molding



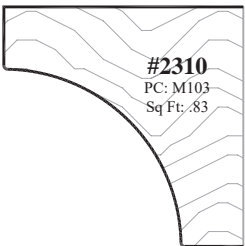
D

Convex/Concave Molding with Matching Crown Molding (#1358)

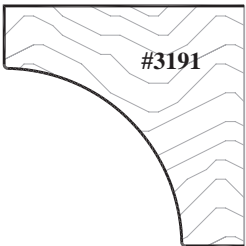
Crown Molding



Straight Crown Block Molding



Convex/Concave Molding



► For PRICING ► See Section D.1 in our current Wholesale Pricing Catalog.



WalzCraft[®].com ©



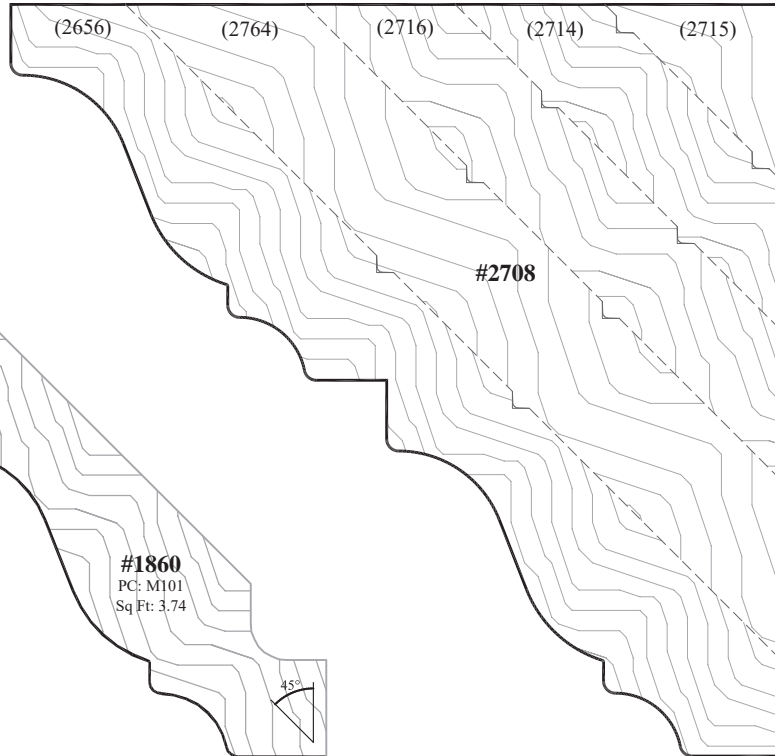
99.7% American Made

Convex/Concave Molding with Matching Crown Molding (#1860)

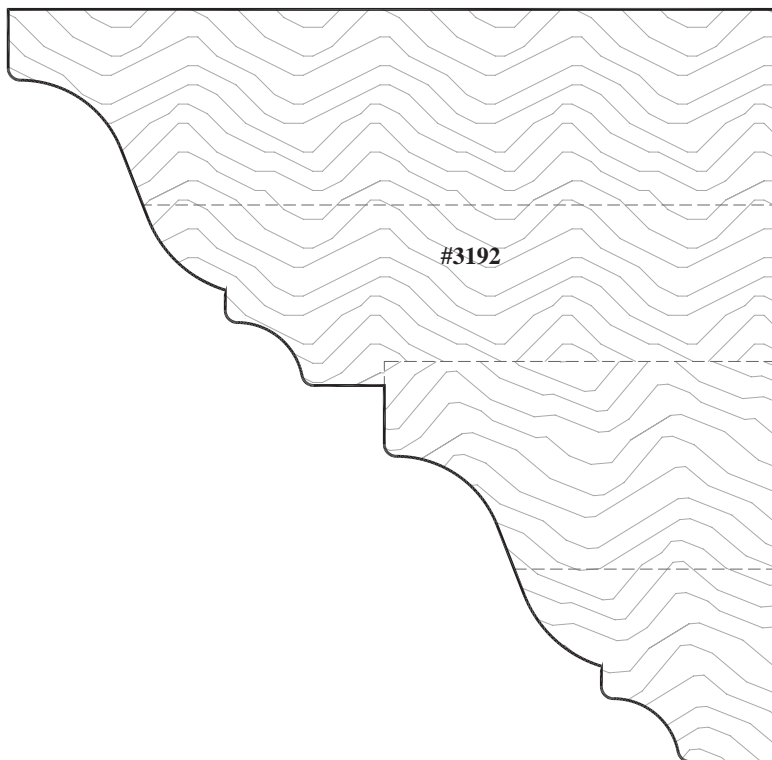
Crown Molding



Straight Crown Block Molding



Convex/Concave Molding



#2708

PC: M101 + 4 Assembly Fees
+ Post Assembly Machining Charge

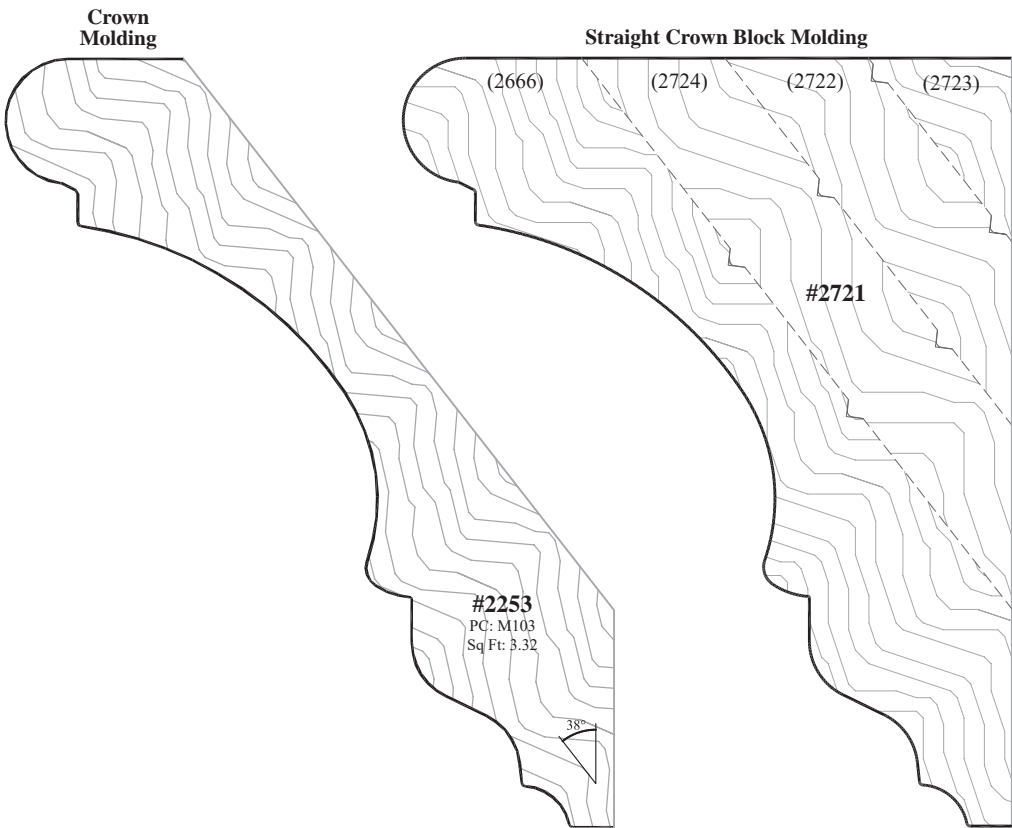
Sq Ft: 11.75

Price Class applies to
straight stock molding only

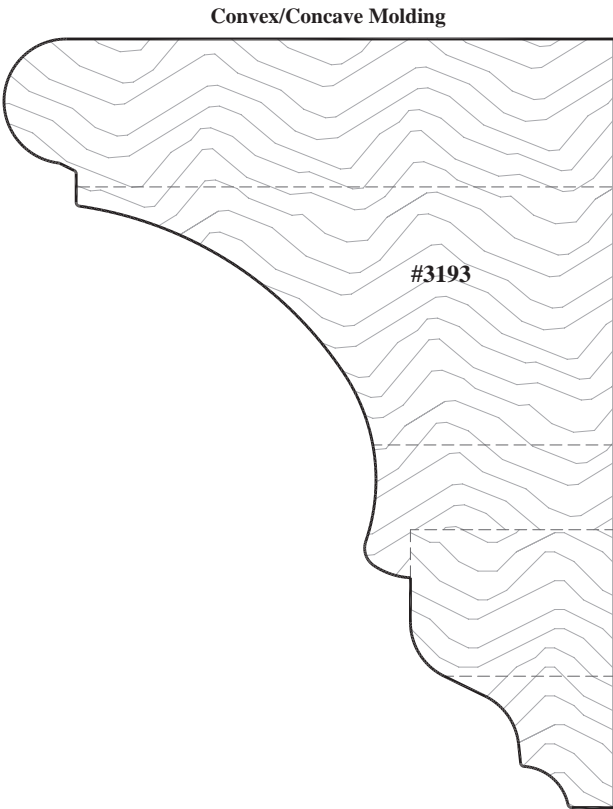
*Five pieces, assembled
by WalzCraft.*

► For PRICING ► See Section D.1 in our current Wholesale Pricing Catalog.

Convex/Concave Molding with Matching Crown Molding (#2253)



#2721
PC: M103 + 3 Assembly Fees
+ Post Assembly Machining Charge
Sq Ft: 8.17
Price Class applies to
straight stock molding only
Four pieces, assembled
by WalzCraft.



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Convex/Concave Options

Convex/Concave Crown Molding Profile Options

Convex/Concave Molding with Matching Crown and Arched Canopy Molding

Crown Molding	Straight Crown Block Molding	Convex/Concave Molding	Arched Canopy Molding
119	2309	3176	3175
208	2861	3177	2864
383	2705	3178	2184
942	2702	3179	2179
983	2717	3180	2182
1160	2713	3181	2292
1183	3182	3189	3188
1358	2310	3191	3190
1860	2708	3192	2175
2253	2721	3193	2262

Ordering & Pricing Notes: Convex/Concave Molding

Ordering Guidelines

1	Order Forms	Please use <i>Curved Molding Order Form (E•Z Form #11.3)</i> .
2	Ordering Information	When ordering, please provide: <ul style="list-style-type: none"> • Molding cord length. • Molding radius.

Pricing

1	Pricing	Please see <i>Section D.1</i> of our current Wholesale Pricing Catalog .
		A quote will be submitted to you for your approval prior to proceeding with your order.

**** For Arched Canopy Crown Molding Options, Please see Section N.10 ****

► **For PRICING** ► See *Section D.1* in our current Wholesale Pricing Catalog.

D.4.11
V18.2



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6:00AM - 5:30PM CST



(24 Hour Fax) 1-608-781-3667

Convex/Concave Options

Convex/Concave - General Information

Convex/Concave Product Radii

WalzCraft offers all of the sizes listed below as standard radii for Traditional, Mitered, Raw MDF Style 500 and Veneered Style 60 Curved Products.

- All Radii are based on ¾" [19.1mm] thick doors.
- All Radii are calculated to the center of a ¾" [19.1mm] thick door.
- (*) indicates the only radius options available for **Door Styles 20, 30, 2000, 2020, 2500, 2525, 3000, 3030, 3500, 3535, 4000, 5000.**
 - These door styles also have a maximum rail width of 23".
- (**) *See Notes - Sizes/Dimensions*
- Please refer to **Sections E.9 - E.11** for Mitered/French Mitered Profile options available on Curved Products.
 -  = Profile available on Curved doors.  = Profile available on French Miter doors.
 - Door styles **10FM** and **10FM*** are only available in radii 12" and greater.

Standard Radii (Inches)	Standard Radii [Millimeters]	Maximum Chord Length	Minimum Chord Length
6 (Slab Only)	152.4 (Slab Only)	<i>Half Circle</i>	<i>Evaluated On Per Order Basis</i>
9	228.6		
11⅝ (12" to Face)**	295.3		
12 *	304.8		
12½ (12" to Face)**	317.5		
15	381.0		
18 *	457.2		
21	533.4		

Standard Radii (Inches)	Standard Radii [Millimeters]	Maximum Chord Length	Minimum Chord Length
23⅝ (24" to Face)**	600.0	<i>Quarter Circle</i>	<i>Evaluated On Per Order Basis</i>
24 *	609.6		
24½ (24" to Face)**	622.3		
27	685.8		
30	762.0		
33	838.2		
36	914.4		
39	990.6		
42	1066.8		
45	1143.0		
48	1219.2		
51	1295.4		
54	1371.6		
57	1447.8		
60	1525.0		
63	1600.2		
66	1676.4		
69	1752.6		
72	1828.8		
75	1905.0		
78	1981.2		
81	2057.4		
84	2133.6		
87	2209.8		
90	2286.0		
93	2362.2		
96	2438.4		
108	2743.2		
120	3048.0		

Standard Radii (Inches)	Standard Radii [Millimeters]	Maximum Chord Length	Minimum Chord Length
132	3352.8	<i>14 Feet</i>	<i>Evaluated On Per Order Basis</i>
144	3657.6		
156	3962.4		
168	4267.2		
180	4572.0		
192	4876.8		
204	5181.6		
216	5486.4		
228	5791.2		
252	6400.8		
276	7010.4		
300	7620.0		
324	8229.6		
348	8839.2		
372	9448.8		
396	10058.4		
420	10668.0		
444	11277.6		
468	11887.2		
492	12496.8		
516	13106.4		



Ordering & Pricing Notes: Convex/Concave Products

Ordering Guidelines

1	Order Forms	Please use one of the following order forms where applicable: <ul style="list-style-type: none"> • Curved Door Order Form (E•Z Form #11). • Curved Drawer Front Order Form (E•Z Form #11.1) • Assembled Curved Face Frame Order Form (E•Z Form #11.2). • Curved Molding Order Form (E•Z Form #11.3).
2	Gap Dimension	The following information must be noted when placing an order for curved products: <ul style="list-style-type: none"> • The gap dimension between a pair of doors for Convex or Concave overlay. • The gap dimension between a door and face frame for Convex or Concave inset.
Pricing		
1	Pricing	Please see <i>Section D.1</i> of our current Wholesale Pricing Catalog .

Technical Notes: Convex/Concave Products...continued

Cabinet Door & Drawer Front Options (Chapter B)...continued

1	Traditional Mortise & Tenon Construction	<p>Raised Panel</p> <ul style="list-style-type: none"> • Vertical grain only. • Door Styles 10, 10*, 1000, 1010, 1010*, 1941, 2271, 2272, 2291L, 2291R, 8000, 8020, 8030, 8045, 8050. <ul style="list-style-type: none"> ◦ Available in all standard radii 9" [228.6mm] or greater. ◦ Available as a frame only or with a mullion lite pattern. <ul style="list-style-type: none"> ▪ Available lite patterns: LP001, LP108, LP109, LP110, LP118, LP128, LP131, LP143, LP146, LP147. • Door Styles 20, 2000, 2020, 2500, 2525, 4000. <ul style="list-style-type: none"> ◦ Only available with a 12" [304.8mm], 18" [457.2mm] or 24" [609.6mm] radius. ◦ Maximum rail width of 23" [584.2mm]. <p>¼" Flat Panel</p> <ul style="list-style-type: none"> • Vertical or horizontal grain. • Door Styles 40, 40*, 3271, 3272, 3291L, 3291R, 4020, 4030, 4040, 4040*, 4041, 4043, 4044, 4045, 4150. <ul style="list-style-type: none"> ◦ Available in all standard radii 12" [304.8mm] or greater. ◦ Available as a frame only or with a mullion lite pattern. <ul style="list-style-type: none"> ▪ Available lite patterns: LP001, LP108, LP109, LP110, LP118, LP128, LP131, LP143, LP146, LP147. • Door styles 30, 3000, 3030, 3500, 3535, 5000. <ul style="list-style-type: none"> ◦ Only available with a 12" [304.8mm], 18" [457.2mm] or 24" [609.6mm] radius. ◦ Maximum rail width of 23" [584.2mm]. ◦ Not available with applied molding.
2	Mitered Mortise & Tenon Construction	<p>Raised Panel</p> <ul style="list-style-type: none"> • Vertical grain only. • Door Styles 10M, 10M*. <ul style="list-style-type: none"> ◦ Available in all standard radii 9" [228.6mm] or greater. ◦ Available as a frame only or with a mullion lite pattern. <ul style="list-style-type: none"> ▪ Available lite patterns: LP001, LP108, LP109, LP110, LP118, LP128, LP131, LP143, LP146, LP147. <p>¼" Flat Panel</p> <ul style="list-style-type: none"> • Vertical or horizontal grain. • Door Styles 40M, 40M*. <ul style="list-style-type: none"> ◦ Available in all standard radii 12" [304.8mm] or greater. ◦ Available as a frame only or with a mullion lite pattern. <ul style="list-style-type: none"> ▪ Available lite patterns: LP001, LP108, LP109, LP110, LP118, LP128, LP131, LP143, LP146, LP147.
3	French Miter Mortise & Tenon Construction	<p>Raised Panel</p> <ul style="list-style-type: none"> • Vertical grain only. • Door styles 10FM, 10FM*. <ul style="list-style-type: none"> ◦ Available in all standard radii 12" [304.8mm] or greater. ◦ Available as a frame only or with a mullion lite pattern. <ul style="list-style-type: none"> ▪ Available lite patterns: LP001, LP108, LP109, LP110, LP118, LP128, LP131, LP143, LP146, LP147. • Will be constructed with haunch and domino tenon joinery. <ul style="list-style-type: none"> ◦ Results in a visibly similar appearance to standard French Miter construction. • Please see <i>Sizes/Dimensions</i> notes in <i>Section B.7</i> for important information regarding stile & rail widths when using French Miter construction.


Continued on next page...

► For PRICING ► See Section D.1 in our current Wholesale Pricing Catalog.

Technical Notes: Convex/Concave Products...continued**Cabinet Door & Drawer Front Options (Chapter B)...continued**

D	3 French Miter Mortise & Tenon Construction	¼" Flat Panel <ul style="list-style-type: none"> • Vertical or horizontal grain. • Door styles 40FM, 40FM*. <ul style="list-style-type: none"> ◦ Available in all standard radii 12" [304.8mm] or greater. ◦ Available as a frame only or with a mullion lite pattern. <ul style="list-style-type: none"> ▪ Available lite patterns: LP001, LP108, LP109, LP110, LP118, LP128, LP131, LP143, LP146, LP147. • Will be constructed with haunch and domino tenon joinery. <ul style="list-style-type: none"> ◦ Results in a visibly similar appearance to standard French Miter construction. • Please see <i>Sizes/Dimensions</i> notes in <i>Section B.7</i> for important information regarding stile & rail widths when using French Miter construction.
	4 Solid Wood Slab Styles	Only available with styles 1270, 1270*, 34SQA* and 100SQE* . <ul style="list-style-type: none"> • Vertical grain only. • Available in all standard radii. <ul style="list-style-type: none"> ◦ The radius may be affected by expansion, contraction and moisture issues. • Style 1270 doors are constructed with NO battens. • Convex/Concave solid wood slab styles will carry no warranty against warpage.
	5 Veneered MDF Slab Styles	Only available with styles 60 and 60* . <ul style="list-style-type: none"> • Vertical or horizontal grain. • Available in all standard radii. • Only available with Edgeband Treatment options EBT201, EBT201-R, EBT401 and EBT401-R.
	6 Raw MDF 1-Piece Slab Styles	Only available with styles 500 and 500* . <ul style="list-style-type: none"> • Available in all standard radii.

Convex/Concave Options (Chapter D)

1	Identifying Curved Products	This symbol  is used throughout the catalog to represent profiles and options that are available when ordering Convex/Concave products.
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Design Options (Chapter G)

1	Center Panel Face Routing	All center panel face rout options (excluding CPFR3700) from <i>Section G.7</i> are available, but limited to convex products only. Center panel face rout patterns from <i>Section G.8</i> are not an available option for convex/concave products.
2	Decorative Inserts	The following decorative peg inserts are available convex/concave: DP100, DP200, DP400, DP500, DP700, DP800, DP900, DP1000, DP1100, DP1200, DP1300, DP1400, DP1500, DP1600, DP2000, DP2100. The butterfly insert (BI100) is <i>not an option</i> for convex/concave products.

Face Frame Options (Chapter J)

1	Face Frame Construction	Convex/Concave face frames with a radius of 24" or greater will be constructed with pocket screw joinery.
		Convex/Concave Face Frames with a radius under 24" will be constructed with Domino Tenon Joinery where all rails meet the stiles. <ul style="list-style-type: none"> • Pocket Screw joinery will be used where center stiles meet the rails.
		All face frame profile options (FS100-FS108) are available with <i>assembled</i> Convex/Concave face frames. <ul style="list-style-type: none"> • Please see <i>Section J.1</i> for additional profile information. • WalzCraft does not offer individual face frame components (ie: top and/or bottom rail only) for use with Convex/Concave configurations. <ul style="list-style-type: none"> ◦ WalzCraft must assemble all Convex/Concave face frames, rather than the customer, because there is a high risk of individual components warping and/or twisting if left unassembled for any length of time. Convex/Concave face frames are not available Ready to Assemble (RTA).

Finish Options (Chapter R)

1	3D Laminate (RTF)	3D Laminate (RTF) is not an option for curved products.
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Functional Options (Chapter F)

1	Hinge Boring	Convex/Concave doors and drawer fronts are only available with HBP100 . Please see <i>Section F.1</i> for additional hinge boring requirements, ordering instructions and compatibility.
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Continued on next page...

► For PRICING ► See Section D.1 in our current Wholesale Pricing Catalog.

Technical Notes: Convex/Concave Products...continued

General Information (Chapter A)

1	Ready to Assemble (RTA)	RTA is <i>not</i> available as an option.
2	Warranty	Please see <i>Section A.8 - Warranties</i> for more information on Glued Up Panel expansion/contraction, warping, bowing and twisting.

Material Options

1	Maple - Hard vs. Soft	For quality reasons, product requiring CNC machining will not be available in any Maple-Hard/Soft-Mixed species or Maple-Soft species. These items should instead be ordered in any of our Maple-Hard species.
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Molding Options (Chapter N)

1	Convex/Concave Crown Molding Profile Options	These Convex/Concave moldings and their matching crown moldings are also available in straight 8' [2438.4mm] lengths to use throughout your project.
2	Drawing Scale	Convex/Concave moldings and matching crown moldings in <i>Section D.4</i> are drawn at full scale.

Profile Options

1	Center Panel Grain Direction Options	<p>WalzCraft prefers that ALL convex/concave solid wood slabs and solid wood center panels have a vertical grain direction, <i>including paint grades</i>, to help ensure quality and avoid any warping, cupping or twisting that may occur.</p> <p>$\frac{3}{4}$" [19.1mm] thick convex/concave raised panel doors use a $\frac{5}{8}$" [15.9mm] thick solid wood profiled center panel that will be flush with the stiles and rails on the face only.</p> <ul style="list-style-type: none"> The center panel will be recessed below the stiles and rails on the back side of the door. <p>Center panels with vertical grain are available in:</p> <ul style="list-style-type: none"> $\frac{1}{4}$" [6.4mm] flat panel wood veneers, raw MDF or raw MDF-MR. $\frac{5}{8}$" [15.9mm] solid wood raised panels $\frac{3}{8}$" [9.5mm] solid wood, raw MDF, raw MDF-MR RVSCP-PR324 (<i>Reversed Solid Center Panel</i>) profile <p>Center panels with horizontal grain are available in:</p> <ul style="list-style-type: none"> $\frac{1}{4}$" [6.4mm] Flat Panel wood veneer doors and drawer fronts. <ul style="list-style-type: none"> Only available for radii 12" [304.8mm] or greater. Only available for arc lengths 31½" [800mm] or less. Maximum interior visual opening height is 47½" [1197mm]. Style 60 Slab veneer doors
2	RAM Routs	<p>RAM Routs (<i>Section E.6</i>) are available on convex products only. Not available concave. Additional charges will apply.</p> <ul style="list-style-type: none"> See <i>Section E.9</i> and <i>Section E.10</i> for convex/concave compatible miter profiles. See <i>Section N.5</i> and <i>Section N.13</i> for convex/concave compatible applied molding.
3	Pre-Finishing Options	<p>Finishing Options for convex/concave doors or drawer fronts with Vertical grain on the center panel:</p> <ul style="list-style-type: none"> Stain Pre-finishing Priming for Paint only SolidTone® finish SolidTone® WoodGrain <p>Finishing Options for convex/concave doors or drawer fronts with Horizontal grain on the center panel:</p> <ul style="list-style-type: none"> Stain Pre-finishing SolidTone® WoodGrain

Sizes/Dimensions

1	Thicknesses	<p>Solid Wood: Convex/Concave doors and drawer fronts made from solid wood are available in $\frac{3}{4}$" [19.1mm] and 1" [25.4mm] thicknesses, with some exceptions. See <i>Section S.3</i> for possible thickness restrictions based on wood species.</p> <p>MDF, Raw: Convex/Concave doors and drawer fronts made from MDF, Raw are only available $\frac{3}{4}$" [19.1mm] thick.</p> <p>When ordering convex/concave face frames and doors that will be paired together, all must be the same thickness.</p>
2	Radii Location	<p>All radii are calculated to the center of a $\frac{3}{4}$" [19.1mm] thick door (or face frame when ordering a face frame only).</p> <ul style="list-style-type: none"> Convex products greater than $\frac{3}{4}$" [19.1mm] thick will have radii calculated $\frac{3}{8}$" [9.5mm] in from the face. Concave products greater than $\frac{3}{4}$" [19.1mm] thick will have radii calculated $\frac{3}{8}$" [9.5mm] in from the back.
3	Radii Tolerance	Due to the inherent movement that wood can experience with changes in humidity, the radius, chord length, and rise will have a tolerance of +/- $\frac{1}{8}$ ".

Continued on next page...

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Technical Notes: Convex/Concave Products...continued

Sizes/Dimensions...continued

D	4	Standard & Non-Standard Part Sizes	<p>Stiles and rails for traditional doors, drawer fronts and face frames can be ordered from 1½" [38.1mm] wide to 4½" [114.3mm] wide, in ¼" [6.4mm] increments and will not be subject to additional charges. Stiles and rails ordered in widths outside of these dimensions will incur a Non-Standard Part Size charge. See Section A.5 for more information.</p> <p>Stiles and rails for mitered doors using any of the convex/concave compatible profiles from Sections E.9 and E.10 of the Product Specification Catalog are only available at the widths shown. Requests for widths other than those shown will be reviewed and may incur an upcharge.</p>
	5	Door/Face Frame Max Height	Maximum height for doors and face frames is 96" [2438.4mm].
	6	(**) Convex Product Radii 11⅝", 12½", 23⅜", 24½"	<p>All radii are based on ¾" [19.1mm] thick doors (or face frame when ordering a face frame only).</p> <p>All radii are calculated to the center of a ¾" [19.1mm] thick door (or face frame when ordering a face frame only).</p> <p>11⅝" [295.3mm], 12½" [317.5mm], 23⅜" [600.1mm], 24½" [622.3mm] radii only available convex.</p> <ul style="list-style-type: none"> • These radii are not available on doors with shaped rails (ex: Door Style 20). <p>11⅝" [295.3mm] Radius: When ordering a face frame only or an inset/prefit door and face frame, a 11⅝" [295.3mm] radius will give you a 12" [304.8mm] radius at the face of the face frame when the face frame is ¾" [19.1mm] thick.</p> <p>12½" [317.5mm] Radius: When ordering a door only or a door and face frame, a 12½" [317.5mm] radius will give you a 12" [304.8mm] radius at the face of the face frame when the door and face frame are ¾" [19.1mm] thick and the gap between the door and face frame is ⅝" [3.8mm].</p> <p>23⅜" [600.1mm] Radius: When ordering a face frame only or an inset/prefit door and face frame, a 23⅜" [600.1mm] radius will give you a 24" [609.6mm] radius at the face of the face frame when the face frame is ¾" [19.1mm] thick.</p> <p>24½" [622.3mm] Radius: When ordering a door only or a door and face frame, a 24½" [622.3mm] radius will give you a 24" [609.6mm] radius at the face of the face frame when the door and face frame are ¾" thick and the gap between the door and face frame is ⅝" [3.8mm].</p> <p>See Section D.2 for more information on convex products.</p>
	7	Maximum Rail Size	The maximum rail height for Convex/Concave doors and drawer fronts is 8" [203.2mm].

Convex/Concave - General Information - END

► For PRICING ► See Section **D.1** in our current Wholesale Pricing Catalog.