

# 0.6 Centor DoorCalc XL™

## eclipse e2® & internal e2™

Microsoft Excel®

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Issue	2
Date	April 2002

Supersedes all previous issues

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The screenshot shows the Microsoft Excel interface for the Centor DoorCalc XL v8.xls spreadsheet. The spreadsheet is divided into several sections for data entry and calculation.

Row	Column A	Column B	Column C	Column D	Column E	Column F	Column G	Column H	Column I	Column J	Column K	Column L	Column M	Column N	Column O	Column P			
1	<b>Centor DoorCalc XL™</b>							v8		Pricing		List inc Tax							
2	<b>Panel calculation for E2 folding doors</b>							Total Price		2,080.81									
3								Less 10.0% Discount		1,854.55									
4																			
5	User Data Entry	14-Mar-02				Lineals													
6	Start with Panel Size	mm				Track #1		14TA6		1		109.85							
7	Job Reference	22 Some St, Door 3				Track #2		14TA2		1		37.10							
8	# Left (from outside)	4				Channel #1		E2FCA6N		1		86.88							
9	# Right (from outside)	5				Channel #2		E2FCA2N		1		28.97							
10	Panel Width (Largest)	820.00				Panel-Panel Seal		AQ21W		21		2.33							
11	Panel Height	2400.00				Perimeter Seal		AQ21W		20		2.33							
12								Head		Cut to 7386.0									
13	Options & Finishes								Sill		Cut to 7351.0								
14	Dropbolt Style	Forte (Round), 200/400							Jambs		Cut to 2614.2								
15	Dropbolt Options	Lower Bolt Keyed																	
16	Sill Option	Open Channel																	
17	Hardware Finish	Satin Natural																	
18	Dropbolt Finish	Satin Natural																	
19	Track Finish	Mill Finish																	
20	Channel/Sill Finish	Satin Natural																	
21	Seal Colour	White																	
22								Hardware											
23									E2PS14N		1		119.08						
24	Job Detail								E2HSNN		1		74.11						
25	Jamb-to-Jamb	7351.00				E2ICS14N		1		141.65									
26	Rough Opening Width	7398.70				E2HSNN		1		74.11									
27	Rough Opening Height	2522.20				E2RCS14N		1		111.52									

Snapshot of the entry screen of the Centor DoorCalc XL™ spreadsheet.



### Architects & Specifiers.

This system is designed to easily and quickly calculate exact panel sizes for Centor Architectural's flagship E2™ systems. All you need to do is to enter the desired panel configuration and the sizing information or, if you prefer, contact Centor and we'll fax you the sizes.

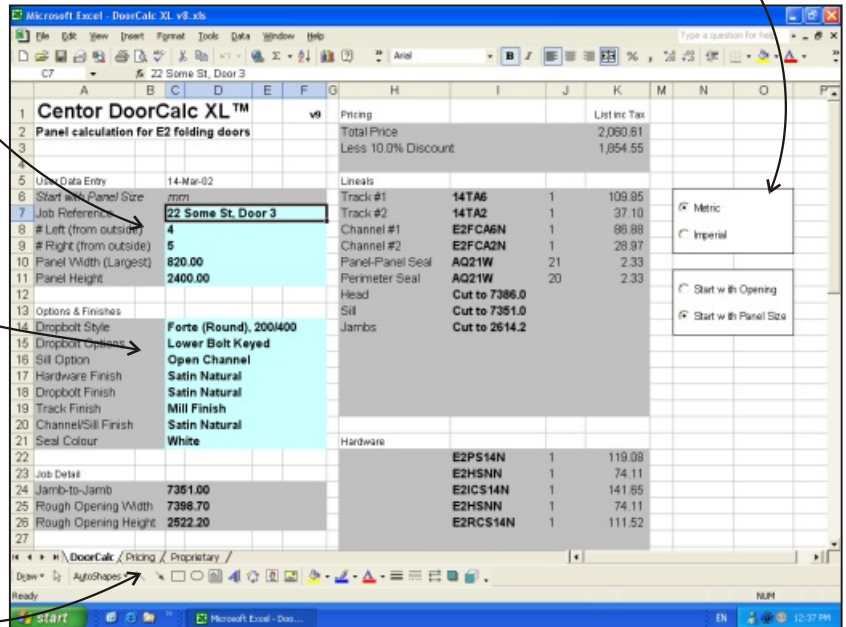
## 0.6 Centor DoorCalc XL™

Key in the job information in the User Data Entry area. Start with a job reference to identify the job, then key in the number of doors folding to the left, and the number folding to the right (as viewed from outside). Next, key in the sizing information. If you selected "Start with Opening" in step 1, then DoorCalc XL will prompt for an opening width and height, and if you selected "Start with Panel Size" it will instead prompt for panel width and height.

Now select the system options and finishes from each of the listed categories. It is recommended that you select them in order down the page. DoorCalc will automatically list the matching hardware on the other side of the page. If you find that the pricing is not listed for an item, then please check that you have not missed selecting the correct finish or option for that item.

If you wish to change the pricing or the amount of discount, then click on the "Pricing" tab. Similarly to change the dimensions to suit your own system, click on the "Proprietary" tab.

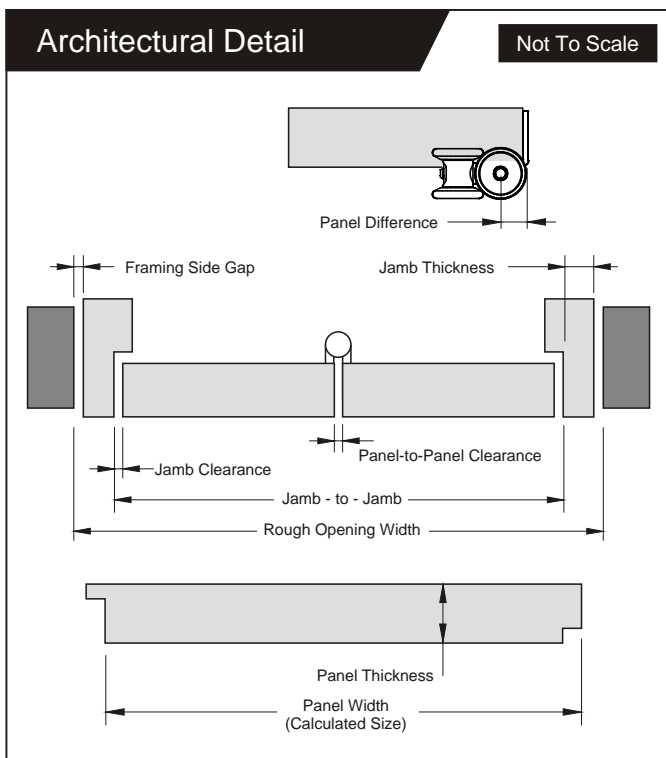
Start by selecting the units you prefer to work in (metric or imperial) and whether you want to calculate by starting with the nominal panel size, or from the rough opening width.



**Rebates** Panel sizes are calculated for whole door widths. To use rebates, add the tongue widths to the DoorCalc XL™ panel sizes.

**System Requirements** To use Centor DoorCalc XL™, you need to use Microsoft Excel.

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## Results

DoorCalc is subject to change without notice

Centor DoorCalc XL™			v9	Pricing	List Inc Tax
<b>Panel calculation for E2 folding doors</b>				Total Price	2,060.61
				Less 10.0% Discount	1,854.55
<b>User Data Entry</b> 14-Mar-02					
<b>Start with Panel Size</b>	<b>mm</b>				
<b>Job Reference</b>	<b>22 Some St, Door 3</b>				
# Left (from outside)	4				
# Right (from outside)	5				
Panel Width (Largest)	820.00				
Panel Height	2400.00				
<b>Options &amp; Finishes</b>					
Dropbolt Style	<b>Forte (Lower), 200/400</b>				
Dropbolt Options	<b>Round Bolt Keyed</b>				
Sill Option	<b>Open Channel</b>				
Hardware Finish	<b>Satin Natural</b>				
Dropbolt Finish	<b>Satin Natural</b>				
Track Finish	<b>Mill Finish</b>				
Channel/Sill Finish	<b>Satin Natural</b>				
Seal Colour	<b>White</b>				
<b>Job Detail</b>					
Jamb-to-Jamb	7351.00				
Rough Opening Width	7398.70				
Rough Opening Height	2522.20				
<b>Total # of Panels      9</b>					
Right Panel #1 \	820.00	Dropbolts			
Right Panel #2 \	805.00				
Right Panel #3 \	805.00				
Right Panel #4 /	820.00				
Left Panel #5 /	820.00	Dropbolts			
Left Panel #6 \	805.00				
Left Panel #7 /	805.00	Dropbolts			
Left Panel #8 \	805.00				
Left Panel #9 /	820.00	Dropbolts			
<b>Information</b>					
Jamb Thickness	17.50				
Head Thickness	17.50				
Sill Thickness	82.00				
Framing Side Gap	6.35				
Framing Top Gap	12.70				
Jamb Clearance	7.00				
Head Clearance	5.00				
Sill Clearance	5.00				
Panel-to-Panel Gap	4.00				
Panel Difference	15.00				
Nominal Panel Width	820.00				
				<b>Limits</b>	
Track #1				14TA6	1 109.85
Track #2				14TA2	1 37.10
Channel #1				E2FCA6N	1 86.88
Channel #2				E2FCA2N	1 28.97
Panel-Panel Seal				AQ21W	21 2.33
Perimeter Seal				AQ21W	20 2.33
Head				Cut to 7386.0	
Sill				Cut to 7351.0	
Jambs				Cut to 2614.2	
<b>Hardware</b>					
E2PS14N				1	119.08
E2HSNN				1	74.11
E2IC514N				1	141.65
E2HSNN				1	74.11
E2RCS14N				1	111.52
E2IC514N				1	141.65
E2HSNN				1	74.11
E2ICS14N				1	141.65
E2HSNN				1	74.11
E2PS14N				1	119.08
<b>Dropbolts</b>					
DBFO400NRN				5	63.37
DBFO200KRN				5	61.19
DBCS				1	8.41

The diagram illustrates a cross-section of a door frame assembly. It shows three vertical panels held by dropbolts. Labels indicate the following dimensions and components:

- top framing clearance**: The gap between the top of the panels and the upper frame.
- head clearance**: The gap at the top of the jamb.
- panel-to-panel clearance**: The gap between adjacent door panels.
- jamb clearance**: The gap between the panel and the side jamb.