

# **Door Maker Suite Version 1.0.34 Free and Pro**



# Table of Contents

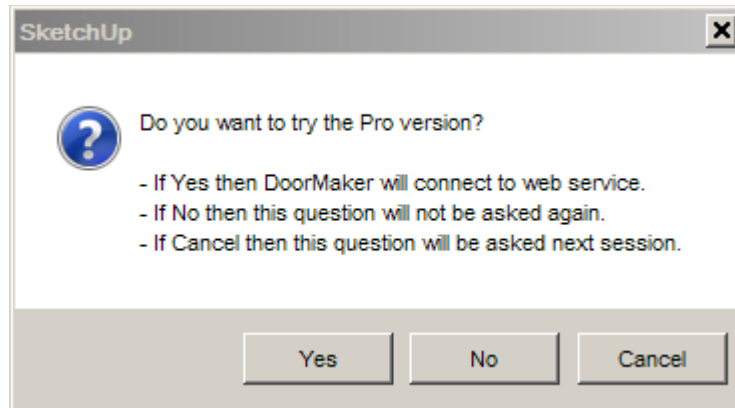
Door Maker Suite	
Version 1.0.34 Free and Pro	1
1 Setup	5
2 Pro only Features	7
3 Maple Door examples	8
4 Mitered Door Examples	10
5 Passage Door Examples	11
6 Door Maker Web Dialog	13
Door Style	14
Door Material	14
Door Shape	14
Wood Grain	15
Tool Option	16
Door Gap	18
Door Protrusion	18
Door Width	18
Door Height	18
Door Angle	19
Door Thickness	19
Door Panel Thickness	19
Stile Width	19
Half Width Stile	19
Handle Location	20
Handle Style	20
Second Handle	20
Handle Offset	20
Click Action	20
Hinge Angle	21

Pullout Depth	21
Door Panel Profile	21
Stile Profile	21
Door Front Edge Profile	21
Door Back Edge Profile	22
Mitered Profile	22
Bottom Rail Width	22
Bottom Panel Height	22
Center Shaker Panel	22
Cabinet Number	22
Layer Number	23
Force Silhouettes Off	23
Language	23
Open Style Sheet	23
Save Style Sheet	24
7 Additional Notes	25
8 Defaults.txt	26
9 Config.txt	27
10 Door Maker Options	28
11 Files and File Locations	29
12 Adding Profiles	32
Add Door Profile	33
Selecting a Profile	33
Selecting a Mitered Profile	34
Naming a Profile	34
Saving a Profile	35
Restart after Saving a Profile	36
13 Version History	37
Version 1.0.34 – Oct 9, 2014	37
Version 1.0.33 – Sep 6, 2014	37

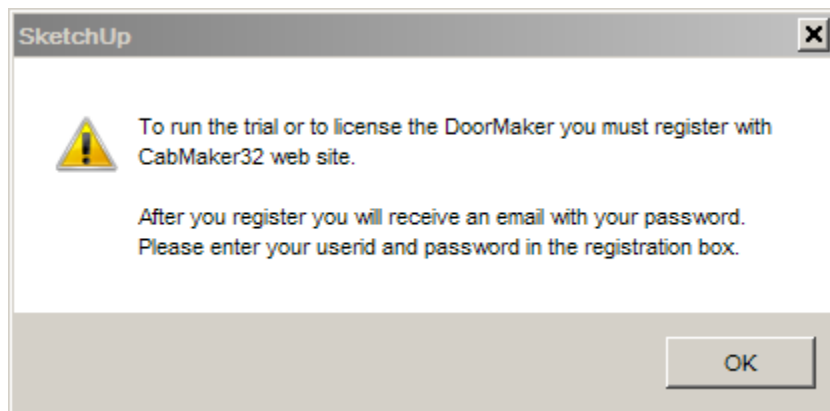
Version 1.0.32 – Aug 3, 2014	37
Version 1.0.31 – Jul 24, 2014	37
Version 1.0.30 - Jul 17, 2014	37
Version 1.0.29 - Jun 11, 2014	37
Version 1.0.28 - Jun 7, 2014	37
Version 1.0.27 - Jun 4, 2014	38
Version 1.0.26 - May 13, 2014	38
Version 1.0.25 - Apr 19, 2014	38
Version 1.0.24 - Apr 14, 2014	38
Version 1.0.23 - Apr 11, 2014	38
Version 1.0.22 - Mar 30, 2014	38
Version 1.0.21 - Mar 08, 2014	38
Version 1.0.20 - Mar 05, 2014	39
Version 1.0.19 - Mar 01, 2014	39
Version 1.0.18 - Feb 27, 2014	39
Version 1.0.17 - Feb 20, 2014	39
Version 1.0.16 - Feb 15, 2014	39
Version 1.0.15 - Feb 10, 2014	39
Version 1.0.14 - Feb 08, 2014	39

# 1 Setup

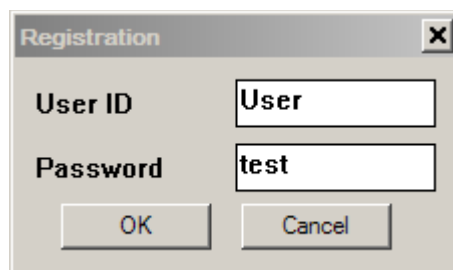
Please note that if you are trying out the Pro version of Door Maker you will be asked to register on cabmaker32.com website. At start up Door Maker will look for the config.txt file in config folder and if it isn't found it will then look for it in GKWare\_doormaker folder. Door Maker will use the user id and password for your license type, "Free", "Trial" or "Licensed User". The user id and password must match the user id and password that you created when you register on cabmaker32.com.



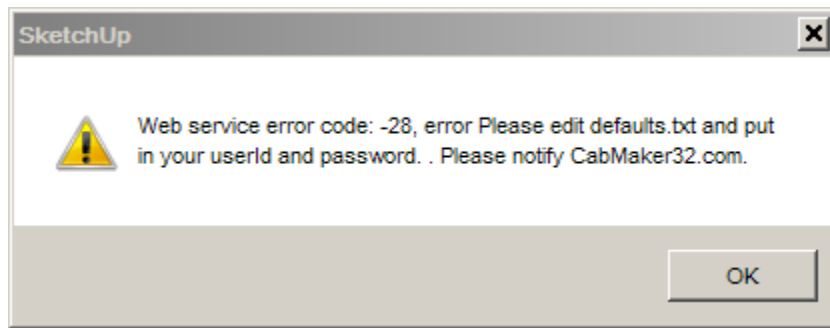
It is important that you have proper rights to these folders as Door Maker needs to write files. You will then see another message telling you what Door Maker is about to do. Please note that if you provide your own password at registration you will not receive an email.



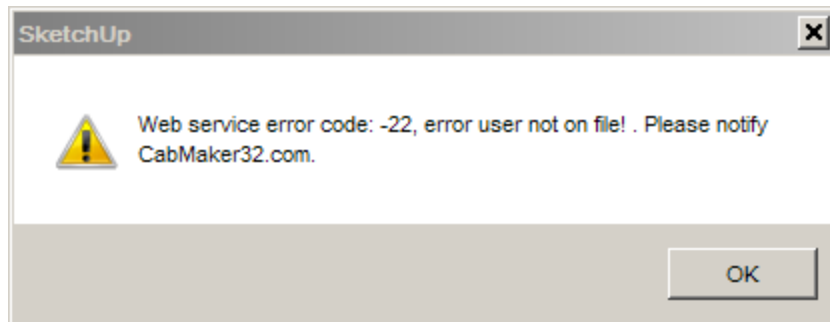
Once you have registered you will see an input box asking for User ID and Password. Please replace the default User ID and password with your own.



If you do not replace the User ID and Password you will see this error message.



If you do not type in the User ID and or Password correctly you will see this error message.



If you have one of these error messages you need to delete the license.dat file which is in GKWare\_doormaker\config folder and try again. If you do not you will only be able to run Door Maker Free version. You will never loose anything if you delete the license.dat file. Your 'Trial' or 'licensed user' information is stored on the web site.

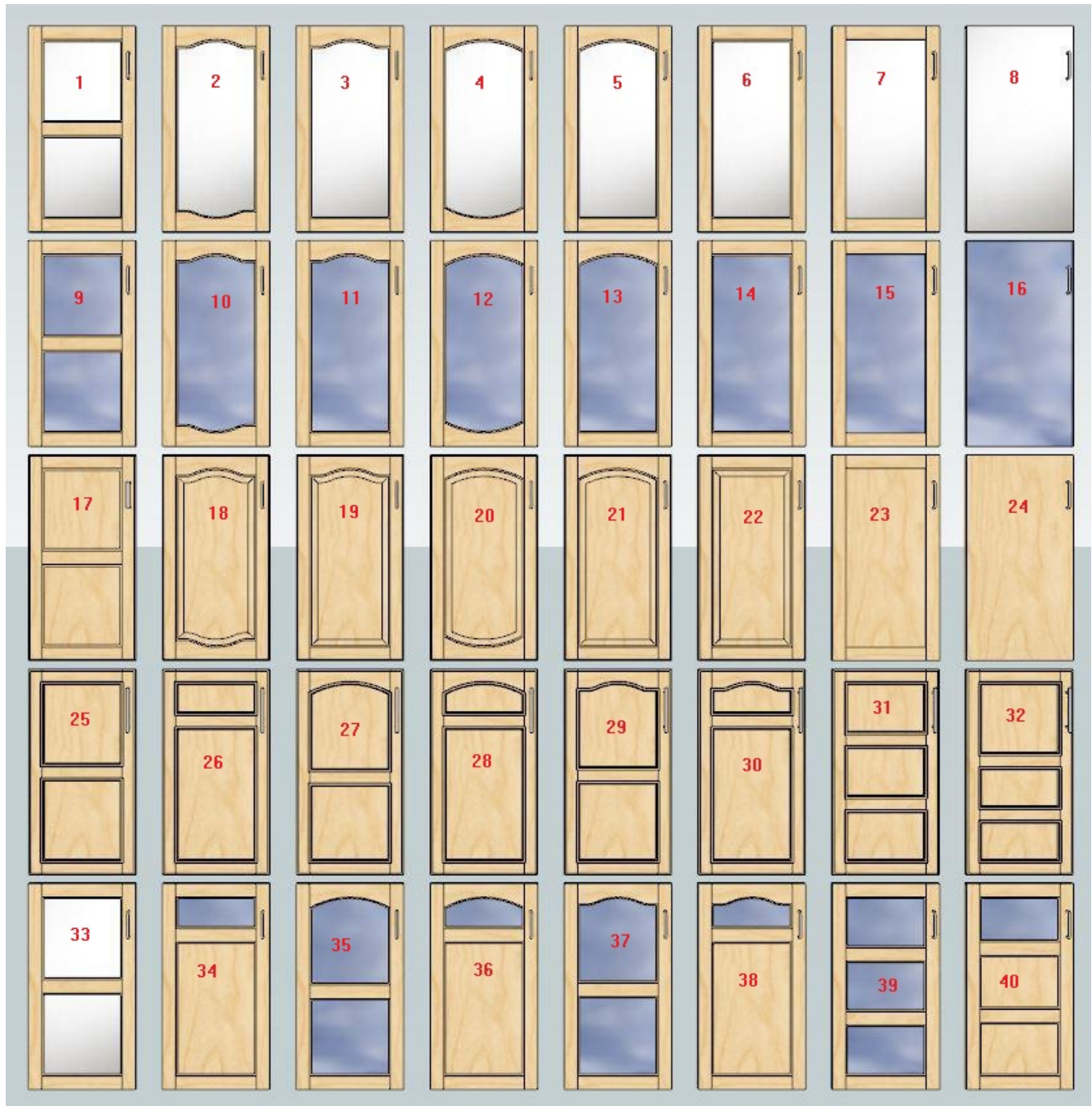
There are many different error messages. If you receive an error message that you do not understand please go to cabmaker32.com and email me with your problem. Please provide me with your User ID, Sketchup version and OS version as this can speed up rectifying the situation.

## 2 Pro only Features

1. 7 supplied door handles. You can add more handles. The free version does not work with door handles.
2. There is a check box called 'Second Handle' which puts a mirrored copy of the door handle on the other side of the door. This is used for passage doors. The free version does not have the check box.
3. Doors and Drawers open and close through interaction. The free version does not interact.
4. Six supplied stile profiles. Utility to add custom profiles. The free version has one profile.
5. Five supplied panel raising profiles. Utility to add custom profiles. The free version has one profile.
6. Five supplied front edge profiles and two supplied back edge profiles. Utility to add custom profiles. The free version does not profile the door edges.
7. Multi panel doors. The free version does not have Multi panel doors.
8. Panel raising on both sides of doors for door thickness of 30 mm or thicker. The free version only profiles the front of the door.
9. Save and retrieve settings using 'Style Sheets'. Use 'Open Style Sheet' and 'Save Style Sheet' to retrieve web dialog settings and to save named 'Style Sheets'. The free version does not have this feature.
10. 'Wood Grain' drop down allows you to change direction of grain for door and drawer panels. The free version does not have this feature.
11. 'Center Shaker Panel' check box creates the center panel centered within the door frame. The free version puts the center panel flush to the front of the door or flush to the back of the stile profile.
12. 'Half Width Stile' makes it easy to create bi-fold door sections where you want 1 stile half the width of the other stile.
13. Mitered Frame Doors. Users can create their own profile for Mitered Doors.

### 3 Maple Door examples

Flat panel and raised panel. The Pro version has handles and multi panel doors. With the Pro version there are many other permutations and combinations.

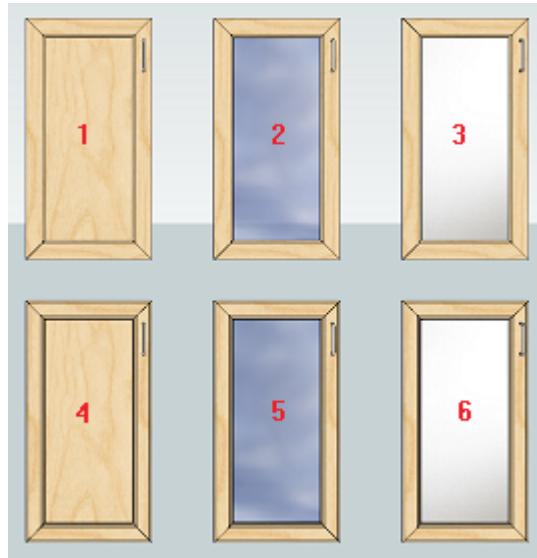




1. Square Square, 6mm Mirror, Half Bead, Bottom Panel Height set to 0
2. Double Cathedral, 6mm Mirror, Half Bead
3. Single Cathedral, 6mm Mirror, Half Bead
4. Double Arch, 6mm Mirror, Half Bead
5. Single Arch, 6mm Mirror, Half Bead
6. Square, 6mm Mirror, Half Bead
7. Shaker, 6mm Mirror
8. Plain Panel, 6mm Mirror
9. Square Square, 6mm Glass, Half Bead, Bottom Panel Height set to 0
10. Double Cathedral, 6mm Glass, Half Bead
11. Single Cathedral, 6mm Glass, Half Bead
12. Double Arch, 6mm Glass, Half Bead
13. Single Arch, 6mm Glass, Half Bead
14. Square, 6mm Glass, Half Bead
15. Shaker, 6mm Glass
16. Plain Panel, 6mm Glass
17. Square Square, 6mm flat panel, Half Bead, Bottom Panel Height set to 0
18. Double Cathedral, 19mm raised panel, Cove, Half Bead
19. Single Cathedral, 19mm raised panel, Cove, Half Bead
20. Double Arch, 19mm raised panel, Cove, Half Bead
21. Single Arch, 19mm raised panel, Cove, Half Bead
22. Square, 19mm raised panel, Cove, Half Bead
23. Shaker, 6mm flat panel
24. Plain Panel, 19mm flat panel
25. Square Square, 6mm flat panel, Portland, Bottom Panel Height set to 0
26. Square Square, 6mm flat panel, Portland, Bottom Panel Height
27. Arch Square, 6mm flat panel, Portland, Bottom Panel Height set to 0
28. Arch Square, 6mm flat panel, Portland, Bottom Panel Height
29. Cathedral Square, 6mm flat panel, Portland, Bottom Panel Height set to 0
30. Cathedral Square, 6mm flat panel, Portland, Bottom Panel Height
31. Three Panel Square, 6mm flat panel, Portland, Bottom Panel Height set to 0
32. Three Panel Square, 6mm flat panel, Portland, Bottom Panel Height
33. Square Square, 6mm mirror, Full Bead, Bottom Panel Height set to 0
34. Square Square, 6mm glass combo, Full Bead, Bottom Panel Height
35. Arch Square, 6mm glass, Full Bead, Bottom Panel Height set to 0
36. Arch Square, 6mm glass combo, Full Bead, Bottom Panel Height
37. Cathedral Square, 6mm glass, Full Bead, Bottom Panel Height set to 0
38. Cathedral Square, 6mm glass combo, Full Bead, Bottom Panel Height
39. Three Panel Square, 6mm glass, Full Bead, Bottom Panel Height set to 0
40. Three Panel Square, 6mm glass combo, Full Bead, Bottom Panel Height

## 4 Mitered Door Examples

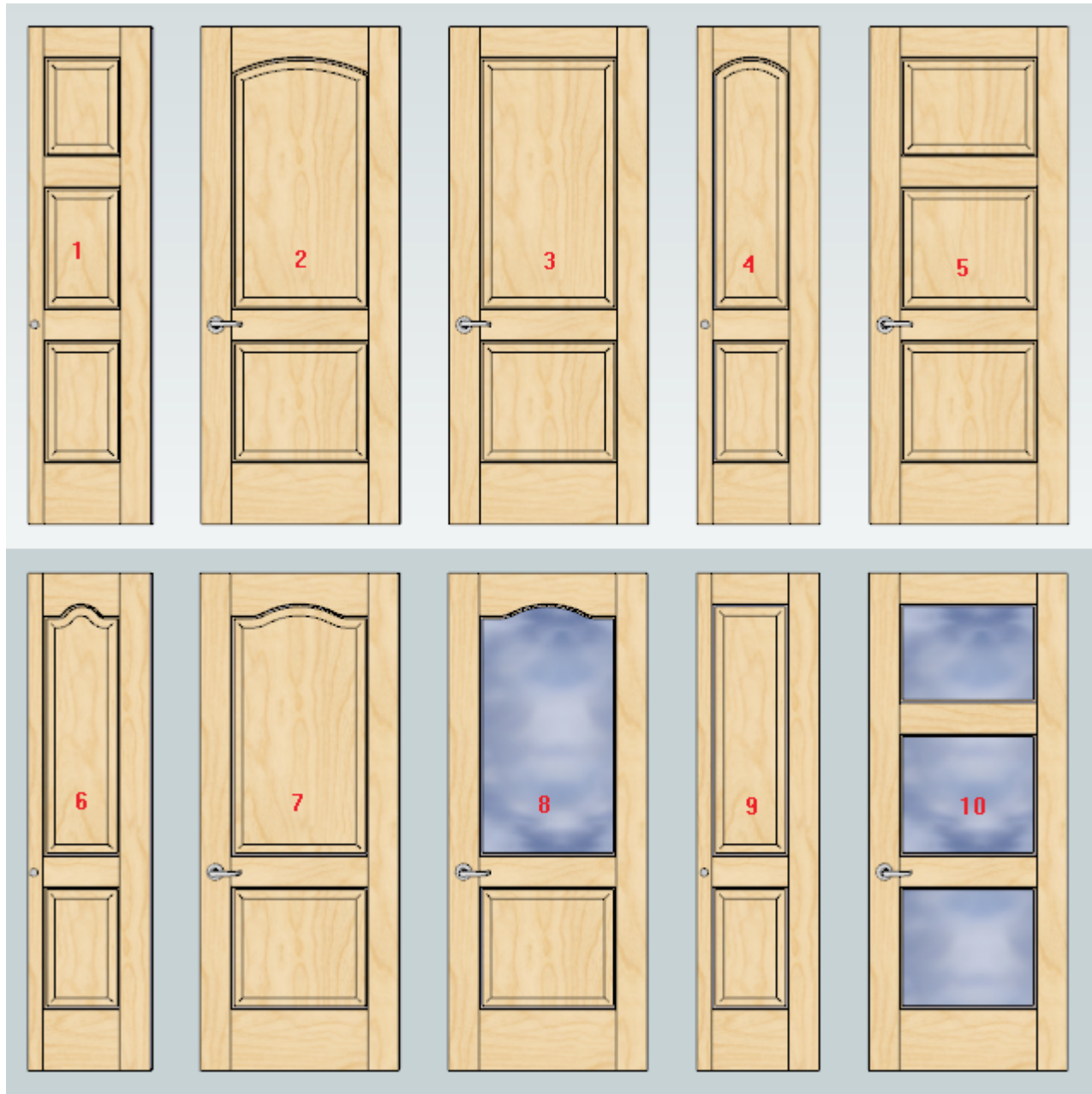
The Pro version has mitered frame doors. Users can select from the two provided “Mitered Profiles” or easily create their own.



1. Mitered Square, Simple Profile
2. Mitered Square, Simple Profile, Glass
3. Mitered Square, Simple Profile, Mirror
4. Mitered Square, Crown Profile
5. Mitered Square, Crown Profile, Glass
6. Mitered Square, Crown Profile, Mirror

## 5 Passage Door Examples

The Pro version makes it easy to create various types of passage doors and bi-fold door sections. These examples all have a number of common settings including: Door Thickness 32 mm, Panel Thickness 32 mm, Bottom Panel 500 mm, Stile Width 125 mm and Bottom Rail Width 250 mm.



1. Three Panel Square, Half Stile
2. Arch Square
3. Square Square
4. Arch Square, Half Stile

5. Three Panel Square
6. Cathedral Square, Half Stile
7. Cathedral Square
8. Cathedral Square, Glass Combo
9. Square Square, Half Stile
10. Three Panel Square, Glass

## 6 Door Maker Web Dialog

The screenshot shows the 'Cabinet Door Free' dialog box. It has two tabs: 'Configuration' and 'Help File'. The 'Configuration' tab is active. The dialog is divided into two main sections. The left section contains fields for Door Material (Baltic), Door Style (Door), Door Shape (Single Cathedral), Door Width (400.0mm), Door Height (768.0mm), Door Angle (0), Door Thickness (19.0mm), Door Panel Thickness (15.0mm), and Stile Width (50.0mm). The right section contains fields for Tool Option (one click), Door Gap (3.0mm), Door Protrusion (2.0mm), Cabinet Number (0), and Layer Number (0). At the bottom right, there is a 'Create Door' button with an 'OK' label.

Door Material:	Baltic	Tool Option:	one click
Door Style:	Door	Door Gap:	3.0mm
Door Shape:	Single Cathedral	Door Protrusion:	2.0mm
Door Width:	400.0mm	Cabinet Number:	0
Door Height:	768.0mm	Layer Number:	0
Door Angle:	0		
Door Thickness:	19.0mm		
Door Panel Thickness:	15.0mm		
Stile Width:	50.0mm	Create Door:	OK:

The Pro version contains more configurations.

The screenshot shows the 'Cabinet Door Pro - licensed user' dialog box. It has two tabs: 'Configuration' and 'Help File'. The 'Configuration' tab is active. The dialog is divided into two main sections. The left section contains fields for Door Style (Door), Door Material (Baltic), Door Shape (Double Cathedral), Wood Grain (Standard), Door Width (400.0mm), Door Height (768.0mm), Door Angle (0.0), Door Thickness (19.0mm), Door Panel Thickness (6.0mm), Stile Width (52.0mm), Half Width Stile (Neither), Door Panel Profile (Cove), Stile Profile (Half Bead), Door Front Edge Profile (None), Door Back Edge Profile (None), Mitered Profile (Crown), Bottom Rail Width (0.0mm), Bottom Panel Height (0.0mm), and Center Shaker Panel (checked). The right section contains fields for Tool Option (one click), Door Gap (0.0mm), Door Protrusion (2.0mm), Handle Location (Bottom Right), Handle Style (96 mm Wire Pull), Second Handle (unchecked), Handle Offset (120.0mm), Click Action (Hinge Left), Hinge Angle (120.0), Pullout Depth (500.0mm), Cabinet Number (0), Layer Number (0), Language (en), Debug Level (0), Force Silhouettes Off (unchecked), Open Style Sheet (defaults), Save Style Sheet (Do Not Save), and a 'Create Door' button with an 'OK' label. A red caption 'Red captions have tool tips.' is located at the top right of the dialog.

Door Style:	Door	Tool Option:	one click
Door Material:	Baltic	Door Gap:	0.0mm
Door Shape:	Double Cathedral	Door Protrusion:	2.0mm
Wood Grain:	Standard		
Door Width:	400.0mm	Handle Location:	Bottom Right
Door Height:	768.0mm	Handle Style:	96 mm Wire Pull
Door Angle:	0.0	Second Handle:	<input type="checkbox"/>
Door Thickness:	19.0mm	Handle Offset:	120.0mm
Door Panel Thickness:	6.0mm	Click Action:	Hinge Left
Stile Width:	52.0mm	Hinge Angle:	120.0
Half Width Stile:	Neither	Pullout Depth:	500.0mm
Door Panel Profile:	Cove	Cabinet Number:	0
Stile Profile:	Half Bead	Layer Number:	0
Door Front Edge Profile:	None	Language:	en
Door Back Edge Profile:	None	Debug Level:	0
Mitered Profile:	Crown	Force Silhouettes Off:	<input type="checkbox"/>
Bottom Rail Width:	0.0mm	Open Style Sheet:	defaults
Bottom Panel Height:	0.0mm	Save Style Sheet:	Do Not Save
Center Shaker Panel:	<input checked="" type="checkbox"/>	Create Door:	OK:

## Door Style

There are 4 main “Door Styles”. The Pro version adds a 5<sup>th</sup> Style called “Glass Combo”.

1. Door – This style will apply “Door Material” vertically to the panel.
2. Drawer – This style will apply “Door Material” horizontally to the panel. Narrow drawers may have their top and bottom rails adjusted.
3. Glass – This style will apply “Glass” to all center panels. Please adjust the panel thickness accordingly. 6.3 mm works well.
4. Mirror – This style will apply “Mirror” to all center panels. Please adjust the panel thickness accordingly. 6.3 mm works well.
5. Glass Combo – This style is only available with the Pro version and works with multi panel doors. The top panel is glass. If the door is a passage door and is at least 30 mm thick then the thickness of the glass is automatically adjusted. The depth of the supplied panel profiles is 8.7 mm.  $30 - (2 \times 8.7) = 12.6$  mm.

## Door Material

The “Door Material” is the material / texture that will be applied to various parts of the door. Choose “White” for no material or choose the wood grain texture that you want. If the texture does not exist or cannot be found then materials are not applied. You can add additional textures by putting jpg file(s) into gkware\_doormaker/images folder and by editing the gkware\_doormaker/textures.txt file.

For example: To add “Rosewood”, edit the textures.txt file and add the line (between the square brackets) where you want it to appear in the list [Rosewood,36]. The 36 means that the pattern is 36 inches so adjust this accordingly. Please note that the wood grain pattern must be vertical. Then add the image file [rosewood\_ver.jpg] into the gkware\_doormaker/images folder

## Door Shape

The Free version only has the first 7 standard “Door Shapes”. The Pro version has all 12 “Door Shapes”

1. Plain Panel – Also known as a “Slab” door
2. Shaker – The Shaker door is meant for a thin center panel of around 6.3 mm. Regardless there is no stile or panel profiling with this door shape. The Pro version has an option “Center Shaker Panel” which will recess the panel by one half of the difference between the door thickness and the panel thickness.
3. Square – Can be a raised panel door or a thin center panel.
4. Single Arch – This style has a simple arch top rail. Can be a raised panel door or a thin center panel.
5. Double Arch – This style has simple arch on both the top and bottom rails. Can be a raised panel door or a thin center panel.
6. Single Cathedral – This style has a more complex cathedral shaped top rail. Can be a raised panel door or a thin center panel.
7. Double Cathedral – This style has a more complex cathedral shaped top and bottom rail. Can be a raised panel door or a thin center panel.

Styles 8 through 11 are only available on the Pro version. Styles 8, 9 and 10 are two panel doors and style 11 is a three panel door. If you set the “Bottom Panel Height” to 0 then “Door Maker” will create equal height panels. If you set the “Bottom Panel Height” to a non 0 value then “Door Maker” will calculate the height of the top panel and set the bottom or bottom 2 panels to the value you set.

8. Square Square – Can be a raised panel door or a thin center panel.
9. Arch Square – This style has a simple arch on the top rail. The bottom panel is square. Can be a raised panel door or a thin center panel.
10. Cathedral Square – This style has the more complex cathedral shaped top rail. The bottom panel is square. Can be a raised panel door or a thin center panel.
11. Three Panel Square – This is the only 3 panel door. All panels are square. Can be a raised panel door or a thin center panel.
12. Mitered Square – This is door with a mitered frame. Users can create their own profiles. Many options are disabled with “Mitered Square” including: Door Thickness, Half Stile Width, Stile Profile, Door Front Edge Profile, Door Back Edge Profile, Bottom Rail Width, Bottom Panel Height and sometimes Stile Width and Panel Profile.

## **Wood Grain**

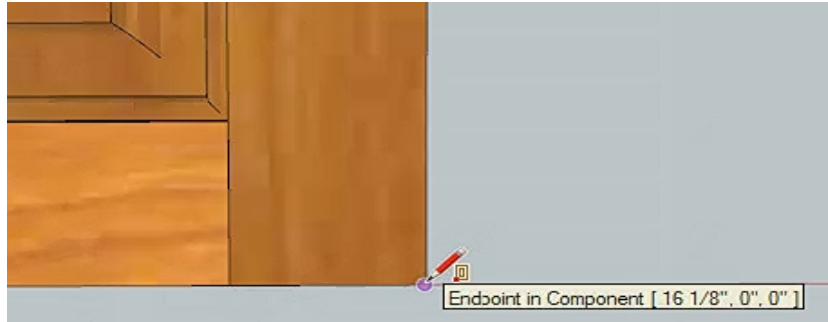
The pro version has a 'Wood Grain' drop down. There are 3 choices, 'Standard', 'Vertical' and 'Horizontal'. This allows you to change the grain direction of door and drawer panels.

1. Standard - door panels have vertical grain and drawer panels have horizontal grain.
2. Vertical - all panels have vertical grain.
3. Horizontal - all panels have horizontal grain.

## Tool Option

The Tool Option contains 4 entries; “one click”, “drag”, “overlay” and “inset” which changes the behavior of the Door Maker.

1. “One click” places a door each time the user clicks somewhere in the model. Please note that the doors lower left hand back corner is used as the insertion point.



It is also important to know that the door is offset by the amount of the “Door Gap”. This next screen shot shows the second door with a 1/8” gap between the doors.



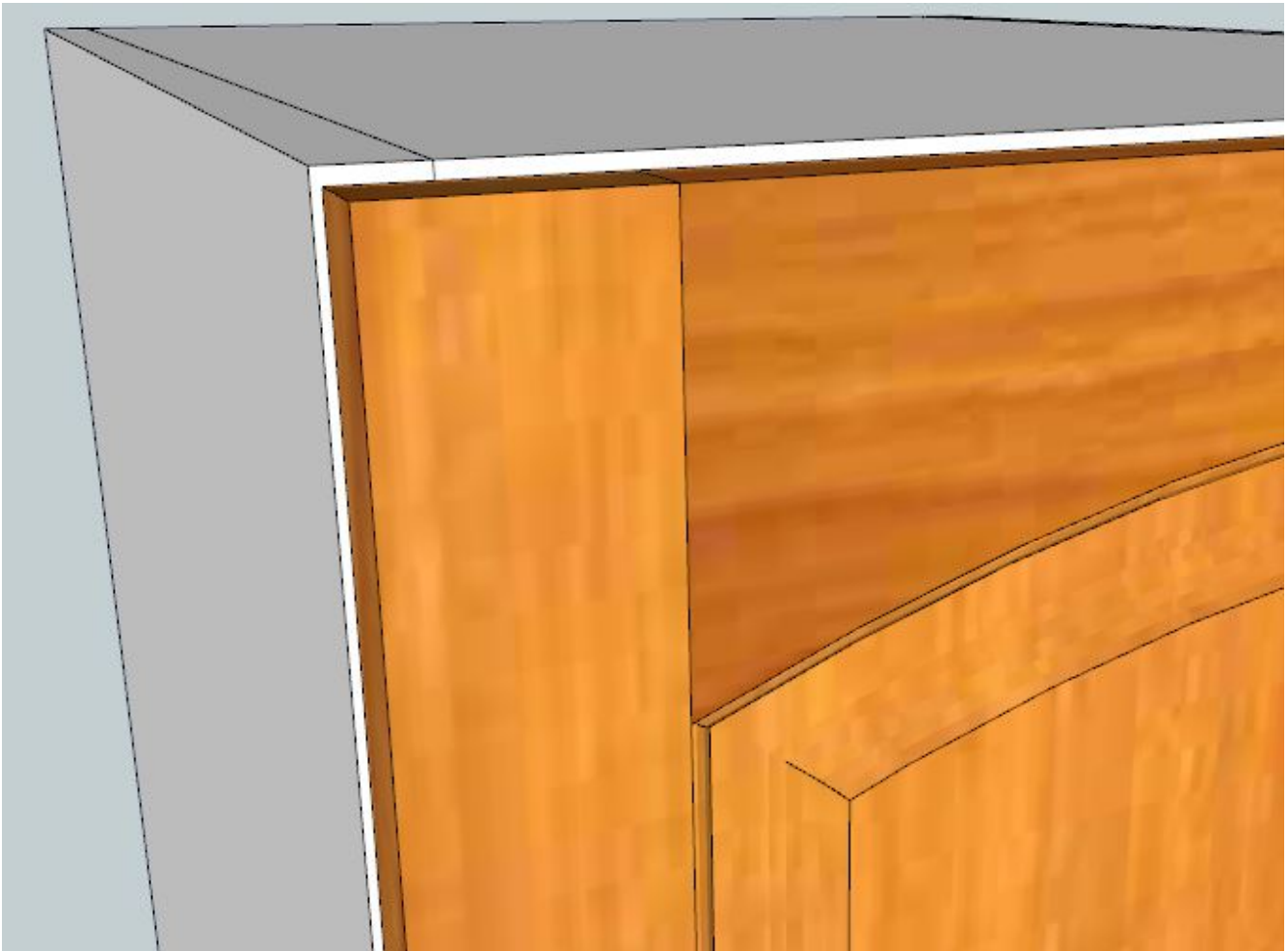
Instead of clicking you can also simply enter the values. For example: 12,24,1/8” will create a door 12” wide 24” high using a 1/8” gap. Also notice that the values that you enter become the new values for the input box.

2. “drag” works a bit differently. The “Door Width”, “Door Height”, “Door Gap”, “Door Protrusion” and “Door Angle” settings are ignored. You click 1 of the 4 corners and then drag the mouse over to the opposite side of the door. The tool tip shows you the width, height and angle of the door.

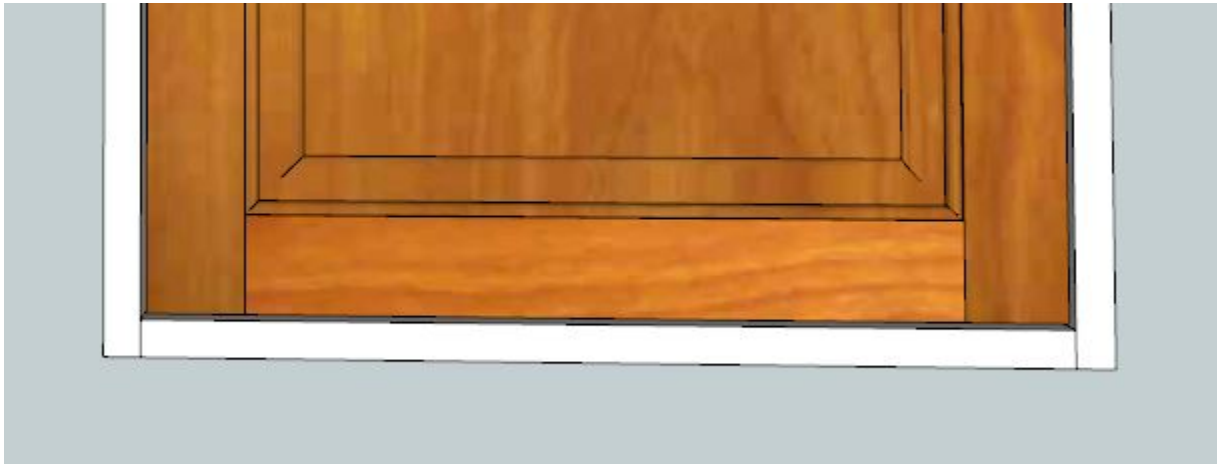
You can click on a point and then enter a value just like you do for “one click”. Although you can enter a third value for “Door Gap” and it will show up in the input box, it is ignored for a “drag” operation. The current angle will be used



3. “overlay” is similar to drag except that the “Door Gap”, and “Door Protrusion” settings are honored. 1/2 of the “Door Gap” is on the left side of the door and the other 1/2 of the “Door Gap” is on the right side of the door. The full “Door Gap” is used at the top of the door and no “Door Gap” at the bottom of the door.



4. “inset” is similar to “overlay” except that the door is inserted so that it is flush to the front frame and the full “Door Gap” is on both sides, top and bottom. You can achieve a half overlay look by setting the “Door Gap” to a negative value and the “Door Protrusion” to a value slightly larger than 1/2 of the thickness of the door.



## **Door Gap**

The “Door Gap” is the amount of clearance you want between 2 doors. Please refer to the “Tool Option” section above for further clarification. This setting is ignored with the “drag” method resulting in a disabled text input.

## **Door Protrusion**

The “Door Protrusion” option is used for “overlay” and “inset” methods and is ignored for the “one click” and “drag” methods. For clarity all ignored settings and captions are disabled.

With the “overlay” method the “Door Protrusion” is the amount that the back face of the door is in front of the front edge of the cabinet sides, top and bottom. Essentially, this clearance for 35mm cup hinges. This is important for 45 degree corner cabinets.

With the “inset” method the “Door Protrusion” a value of 0 means the front face of the door is level with the front edge of the cabinet sides, top and bottom. You can use a negative value to recess the face behind the front edge of the cabinet sides. This might be used with a chest of drawers where you want the front edge of the sides in front of the front face of the drawers. You can use a positive value to have the doors and drawer front face to protrude in front of the front edge of the sides.

Please refer to the “Tool Option” section above for further clarification.

## **Door Width**

The “Door Width” is only required for the “one click” method. The other 3 drag methods set this value.

## **Door Height**

The “Door Height” is only required for the “one click” method. The other 3 drag methods set this value.

## Door Angle

The “Door Angle” is only required for the “one click” method. The other 3 drag methods set this value. Please note that “Save as Default” sets this value as 0.

## Door Thickness

The “Door Thickness” is required. Doors that are 19 mm or thicker with a panel of equal thickness are profiled on both the front and back of the panel. Doors that are at least 19 mm thick but are less than 30 mm thick use a simple relief cutter for the back profile. With the Pro version doors that are at least 30 mm thick have the panel profile and stile profile applied to both the front and the back of the door.

This option is disabled for the “Mitered Square” door shape since the door thickness is determined from the “Mitered Profile”.

## Door Panel Thickness

The “Door Panel Thickness” can be any value you want. Set the “Door Panel Thickness” to a value greater than 12 mm for a panel raised door. The panel will be flush with the stiles and rails. A thickness of 12 mm or less will position behind the face of the stiles and rails by the amount of the depth of the panel profile which is 8.7 mm with the supplied profiles.

Doors that are at least 19 mm thick and have their panels the same thickness will have a relief cut on the back of the panel. For doors that are at least 30 mm thick there is a pro version feature that will put the panel profile and stile profile on both sides of the door.

The “Mitered Profile” for the “Mitered Square” door shape may have edge information stored with the profile. In this case the “Door Panel Thickness” comes from the profile. In this case the “Door Panel Thickness” is disabled and the text box displays the derived value.

## Stile Width

This is the width of the stiles. It is also used for the rails, however with the Pro version you can modify the “Bottom Rail Width”.

Please note that the “Stile Width” is for the face. The bead is added internally to this value. The “Stile Width” is used internally to position the door handle in the Pro version.

In the case of the “Mitered Square” door shape if edge information is stored with the profile then the “Stile Width” is disabled and the text box displays the derived value.

## Half Width Stile

The 'Half Width Stile' drop down has 3 options: Neither, Left Stile and Right Stile. This setting is specifically for bi-fold doors where the hinge side stile of each bi-fold section is commonly half the width. The handle location is used to determine which stile will be half size. The “Half Width Stile” is the stile opposite to the handle location.

This option is disabled for both the “Plain Panel” and “Mitered Square” door shapes.

1. Neither - left and right stile are full sized.
2. Left Stile - left stile is half size and right stile is full size.
3. Right Stile - right stile is half size and left stile is full size.

## Handle Location

This is a Pro version only feature. There are 8 “Handle Locations” which are:

1. 0s – None
2. 7s - Top Left
3. 8s - Top Center
4. 9s - Top Right
5. 5s – Center
6. 1s - Bottom Left
7. 2s - Bottom Center
8. 3s - Bottom Right

Please note that you can also set the location of the handle with keyboard. The short cut keys are beside the handle locations. They follow the num pad on the keyboard.

When a “Handle Location” is changed using the form the “Click Action” is automatically adjusted. You may override the “Click Action” after you change the “Handle Location”.

## Handle Style

This is a Pro version only feature. Door Maker supplies 5 default handles which are:

1. 128 mm Bar Pull
2. 196 mm Bar Pull
3. 96 mm Flat Bar Pull
4. 96 mm Wire Pull
5. Round Knob
6. ...

You can add more handles providing they follow the same format. The insertion point is center and the handle is oriented vertically.

## Second Handle

The 'Second Handle' check box adds a mirrored copy of the handle to the back side of the door. This setting is specifically used for passage doors. This is also a Pro version only feature.

## Handle Offset

This is a Pro version only feature and is only relevant for the 4 corner “Handle Locations”. This value is how far the center of the handle is from the top or bottom edge of the door.

## Click Action

This is a Pro version only feature. Doors or Drawer fronts can open using “Hinge Angle” or can pull out using Pullout Depth.

When a “Handle Location” is changed using the form the “Click Action” is automatically adjusted. You may override the “Click Action” after you change the “Handle Location”. Please note that you can have a “Click Action” without a handle location.

## **Hinge Angle**

This is a Pro version only feature. If the “Click Action” is set to one of the 4 hinge choices the “Hinge Angle” is used to limit how far the door or drawer front opens.

## **Pullout Depth**

This is a Pro version only feature. If the “Click Action” is set to “Pullout” then the “Pullout Depth” is used to limit how far the door or drawer front pulls out.

## **Door Panel Profile**

The Pro version has custom profile capabilities whereas the Free version has a single cove profile that is hard coded. The Pro version includes 5 profiles which are:

1. Cove
2. Cove Large
3. Ogee
4. Slant
5. Tight
6. ...

You can add more profiles with the Pro version. This option is disabled for the “Plain Panel” door shape and for some “Mitered Square” door shapes when edge information is stored with the “Mitered Profile”.

## **Stile Profile**

The Pro version has custom profile capabilities whereas the Free version has a single half bead profile that is hard coded. The Pro version provides a “None” choice as well as 5 profiles which are:

1. None
2. Cove Large
3. Full Bead
4. Half Bead
5. Ogee
6. Portland
7. Slant
8. ...

You can add more profiles with the Pro version. This option is disabled for the “Plain Panel” door shape and for some “Mitered Square” door shapes when edge information is stored with the “Mitered Profile”.

## **Door Front Edge Profile**

This is a Pro version only feature. There is a “None” choice as well as 5 profiles which are:

1. None
2. 3 mm Roundover
3. 6 mm Roundover
4. Bead

5. Chamfer
6. Cove
7. ...

You can add more profiles with the Pro version. This option is disabled for some “Mitered Square” door shapes when edge information is stored with the “Mitered Profile”.

### **Door Back Edge Profile**

This is a Pro version only feature. There is a “None” choice as well as 2 profiles which are:

1. None
2. 3 mm Roundover
3. 10 mm Rabbet
4. ...

You can add more profiles with the Pro version.

### **Mitered Profile**

This is a Pro version only feature. There are 2 profiles included which are:

1. Crown
2. Simple
3. ...

You can add more profiles with the Pro version. This option is disabled for some “Mitered Square” door shapes when edge information is stored with the “Mitered Profile”.

### **Bottom Rail Width**

This is a Pro version only feature and is used mostly with passage doors where the bottom rail is wider than the other rails and stiles. You can set the “Bottom Rail Width” to 0 and the “Door Maker” plugin will ignore it and make the “Bottom Rail Width” the same width as the “Stile Width”.

This option is disabled for all “Mitered Square” door shapes.

### **Bottom Panel Height**

This is a Pro version only feature and is used for multi panel doors. Please see “Door Shape” items 8 through 11. You can set this value to 0 and the “Door Maker” plugin will calculate the “Bottom Panel Height” so that all panels are equal.

This option is disabled for “Plain Panel” and all “Mitered Square” door shapes.

### **Center Shaker Panel**

This is a Pro version only feature and is only used for shaker doors. Check this if you want the panel to be centered evenly.

### **Cabinet Number**

This is an optional value. You may wish to number your cabinets and also number your doors the same.

## Layer Number

Set this if you want your doors to go onto a specific layer. By defaults the handles go to layer 0.

## Force Silhouettes Off

This is a Pro version only feature. If checked this setting will turn off the Edge Style 'Profiles'. If not checked then Force Silhouettes has no effect. The free version can modify this value but you will have to edit the defaults.txt file.

## Language

Set the language code here. Please note that a new language code will be in effect after you restart Sketchup. Check "Save as Default" and Click "OK". Also note that if the language file does not exist then we default back to English "en". You can also create your own language file – start by copying the en.lang file found under the GKWare\_DoorMaker/Translations folder. You can then edit the translation file using an editor like Notepad++. Make sure that you set Encoding to UTF-8 without BOM.

Different languages are more or less wordy than English and take up more or less space. If you edit a language file you may have to edit the "Screen Width Pixels" setting. Open the "Ruby Console" found under the "Window" menu, run the "Door Maker" and temporarily set the "Debug" option to 1 and then click "Create Door". Then run "Door Maker" again and you will see a line of text show up in the "Ruby Console".

For the English translation file it says:

*Recommended Minimum Screen Width = 657*

en.lang

# Defaults

"Screen Width Pixels" = "657"

For the French translation file it says:

*Recommended Minimum Screen Width = 833*

fr.lang

# Defaults

"Screen Width Pixels" = "833"

For the Chinese traditional translation file it says:

*Recommended Minimum Screen Width = 465*

zh.lang

# Defaults

"Screen Width Pixels" = "465"

## Open Style Sheet

The "Open Style Sheet" drop down contains a list of saved style sheets. Retrieve a saved style sheet by selecting a different style sheet. Please note if you make unsaved changes to the current style and then select a new style that those changes will not be saved.

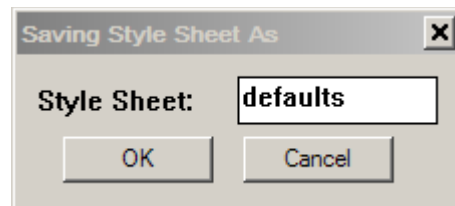
## Save Style Sheet

The 'Save Style Sheet' drop down contains 3 choices: 'Do Not Save', 'Save' and 'Save As'.

1. Do Not Save - any changes to style sheet are for this session only.
2. Save - update current style sheet with current settings.
3. Save As - create a new style sheet with current settings.

Choose 'Save As' and click the 'OK' button to create a new style sheet. The style sheet is added to the drop down 'Open Style Sheet' and the current selection contains the name of the new style sheet.

An input form pops up when you choose the 'Save As' option and you click the 'OK' button. The text box is pre-populated with the current Style Sheet. You can click 'OK' and update the current Style Sheet or change the name and create a new Style Sheet. If you change the name to another existing Style Sheet it will be over written with the current settings.



The next time you open the Door Maker web dialog box you will see the Open Style Sheet contains the name of the saved Style Sheet.



## 7 Additional Notes

By default the interact short cut is the 'I' key. If the door has interaction stored with the door or drawer then the door or drawer will open / close or pull out / push in. This is a Pro only feature.

The default measurements will be in imperial or in metric depending upon the model's units. The default units are loaded once for a session and at the time that the input box first appears.

Please note that the tool shows up in the Plugins menu. For myself I add the hot key 'D' to bring up the door menu. Otherwise you pick it from the menu or from the tool bar.

A 5/8" door panel with a 3/4" door has panel raising on the front only. If you set the door panel to 3/4" then the door panel will be profiled on the back as well as the front. This additional geometry can be avoided by keeping the door panel to 5/8"

The "Door Protrusion" option is used for "overlay" and "inset" methods. For "overlay" method it is the amount that the door is in front of the cabinet. For "inset" method it is the amount that the front face of the door is in front of the sides.

You may change model Units settings during a session. The input box converts existing values to the new Units.

Users of the Free Door Maker can modify their defaults but will have to hand edit the file. There is a file called defaults.txt which contains 1 or more lines that override the plugins defaults. You may override any number of defaults. Please put the changed file into gkware\_doormaker/config folder. This folder will be preserved when updating your Door Maker plugin to the next version.

Users of the Pro version have a "Save As Defaults" checkbox. Check this box and Click "Create Door". Door Maker will automatically save all the current settings to the defaults.txt file and place the file in the config folder.

## 8 Defaults.txt

If you wish to use a different language translation then enter then edit the language and replace 'en' with fr, ru or zh. Currently English, French, Russian and Chinese (traditional) are supplied. If you wish to create a new language translation then copy the en.lang file to the new language and use the English one as the template.

# defaults

center\_shaker=1  
second\_handle=0

material=Cherry  
style=Door  
shape=Single Cathedral  
option=one click  
layer=0  
cabinet=0

panel\_profile=Cove  
stile\_profile=None  
front\_edge\_profile=None  
back\_edge\_profile=None  
mitered\_profile=Crown  
handle\_style=96 mm Wire Pull  
handle\_location=None  
click\_action=Pull Out  
hinge\_angle=120.0  
grain=Standard  
half\_stile=Neither

# metric defaults

metric\_width=400.0  
metric\_height=768.0  
metric\_thickness=19.0  
metric\_panel\_thickness=15.0  
metric\_stile\_width=50.0  
metric\_gap=3.0  
metric\_protrusion=2.0  
metric\_handle\_offset=120.0  
metric\_bottom\_rail\_width=0.0  
metric\_bottom\_panel\_height=0.0  
metric\_pullout\_depth=500.0

# imperial defaults

imperial\_width=16  
imperial\_height=30.5  
imperial\_thickness=0.75

```
imperial_panel_thickness=0.625
imperial_stile_width=2
imperial_gap=0.125
imperial_protrusion=0.078
imperial_handle_offset=5
imperial_bottom_rail_width=0
imperial_bottom_panel_height=0
imperial_pullout_depth=20
```

## 9 Config.txt

Door Maker comes with a config.txt file that currently contains five lines.

1. userid=User
2. password=test
3. host=cabmaker32.com
4. service=/gkware\_service.php
5. default\_file=defaults
6. language=en
7. debug=0
8. force\_silhouettes\_off=0
9. translate\_parts=1

If the user id or password is blank you will get an error and will not be able to run the Door Maker plugin.

Config.txt now contains items 6, 7, 8 and 9 that used to be in defaults.txt. These items are no longer in defaults.txt or in any of the named Style Sheets.

## 10 Door Maker Options

There are 3 optional files that are included. These files allow you to modify the Door Maker plugin.

The textures.txt file contains a list of textures in the order that you want them to appear in the drop down menu. Please note the format of each line. The comma separates the name and the height (inches) that the textures graphic represents. The actual texture file is built up with this name plus \_ver.jpg which stands for vertical. Lastly notice that there isn't a white\_ver.jpg. If you are adding textures and find that the door is also white – this means that the spelling isn't quite right. If you update this file please put it into gkware\_doormaker/config folder.

1. White,36
2. Baltic,36
3. Bamboo,36
4. Brown\_oak,36
5. Cherry,36
6. Coffee,36
7. Dark\_bamboo,36
8. Euro\_maple,36
9. Hickory,36
10. Ind\_walnut,36
11. Maple,36
12. Oak,36
13. Pine,36
14. Red\_oak,36
15. Silver\_oak,36
16. Spruce,36
17. Walnut,36
18. Zebra,36

If you have several versions of Sketchup then you can have one copy of the gkware\_doormaker in a location of your choosing. All you need to do is to place a simple file in each version's plugins folder which is named loader.rb by convention and has the following 2 lines where the second line is a folder of your choosing and where you will unzip the gkware\_doormaker\_vx.x.xx.rbz file (where x.x.xx is the version number).

Loader.rb

1. require 'sketchup.rb'
2. require\_all( 'C:/Users/Public/Documents/Sketchup' )

## 11 Files and File Locations

The Door Maker Plugin has the following files:

NOTE: The following Sketchup folder is either plugins or if you are using loader.rb then it is the name of your shared folder.

1. Sketchup
  1. gkware\_doormaker.rb
2. Sketchup/gkware\_doormaker
  1. doormaker.pdf
  2. addprofile\_lg.png
  3. addprofile\_sm.png
  4. cursor\_door.png
  5. doormaker\_sm.png
  6. doormaker\_lg.png
  7. gkware\_doormaker\_loader.rf
  8. door\_defaults.rbs
  9. door\_gui.rbs
  10. doormaker.rbs
  11. doormakerlib.rbs
  12. license\_2.rbs
  13. utils\_2.rbs
  14. Door Profiles.skp
  15. config.txt
  16. defaults.txt
  17. textures.txt
3. Sketchup/gkware\_doormaker/config
  1. readme.txt
  2. license.dat
  3. config.txt
  4. defaults.txt
  5. textures.txt
4. Sketchup/gkware\_doormaker/panel profiles
  1. Cove Large.txt
  2. Cove.txt
  3. Ogee.txt
  4. Slant.txt
  5. Tight.txt
  6. ...
5. Sketchup/gkware\_doormaker/stile profiles
  1. Cove Large.txt
  2. Full Bead.txt
  3. Half Bead.txt
  4. Ogee.txt
  5. Portland.txt

6. Slant.txt
7. ...
6. Sketchup/gkware\_doormaker/front edge profiles
  1. 3mm Roundover.txt
  2. 6mm Roundover.txt
  3. Bead.txt
  4. Chamfer.txt
  5. Cove.txt
  6. ...
7. Sketchup/gkware\_doormaker/back edge profiles
  1. 3mm Roundover.txt
  2. 10mm Rabbet.txt
  3. ...
8. Sketchup/gkware\_doormaker/handles
  1. 96 mm Flat Bar Pull.skp
  2. 96 mm Wire Pull.skp
  3. 128 mm Bar Pull.skp
  4. 196 mm Bar Pull.skp
  5. Round Knob.skp
  6. Schlage Modern Handle Left.skp
  7. Schlage Modern Handle Right.skp
  8. ...
9. Sketchup/gkware\_doormaker/mitered profiles
  1. Crown.txt
  2. Simple.txt
  3. ...
10. Sketchup/gkware\_doormaker/translations
  1. en.lang
  2. es.lang
  3. fr.lang
  4. ge.lang
  5. it.lang
  6. ru.lang
  7. zh.lang
  8. zh\_cn.lang
  9. ...
11. Sketchup/gkware\_doormaker/named defaults
  1. ...

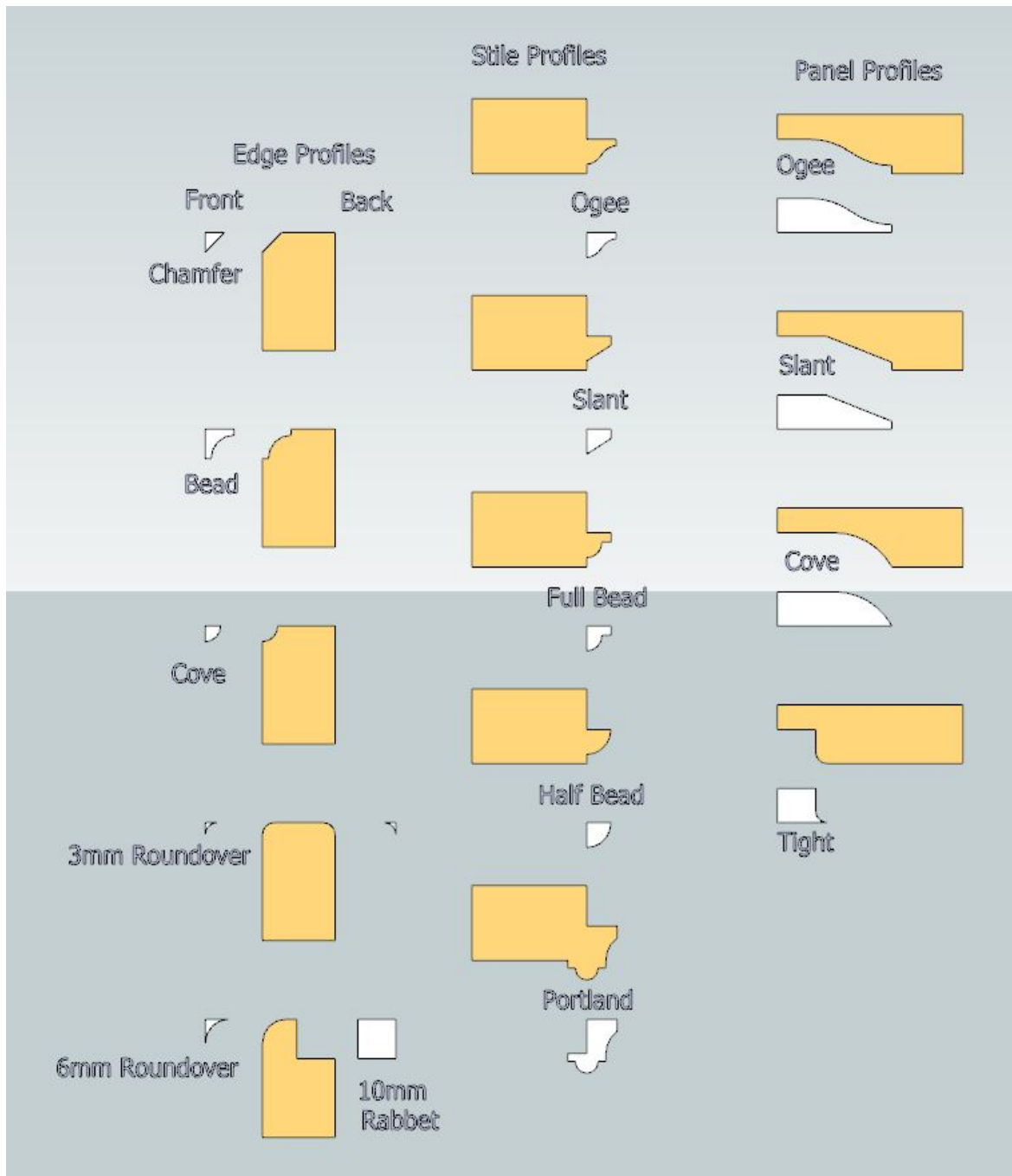
## 12. Sketchup/gkware\_doormaker/images

1. baltic\_ver.jpg
2. bamboo\_ver.jpg
3. brown\_oak\_ver.jpg
4. cherry\_ver.jpg
5. coffee\_ver.jpg
6. dark\_bamboo\_ver.jpg
7. euro\_maple\_ver.jpg
8. hickory\_ver.jpg
9. ind\_walnut\_ver.jpg
10. maple\_ver.jpg
11. oak\_ver.jpg
12. pine\_ver.jpg
13. red\_oak\_ver.jpg
14. silver\_oak\_ver.jpg
15. spruce\_ver.jpg
16. stainless\_steel\_ver.jpg
17. walnut\_ver.jpg
18. zebra\_ver.jpg
19. glass.png
20. mirror.png

## 12 Adding Profiles

Start up Sketchup and open “Door Profiles.skp”. Create a new profile just like examples. Keep the geometry reasonably simple, Arcs should have between 3 and 5 segments and lines should go end to end and not be divided.

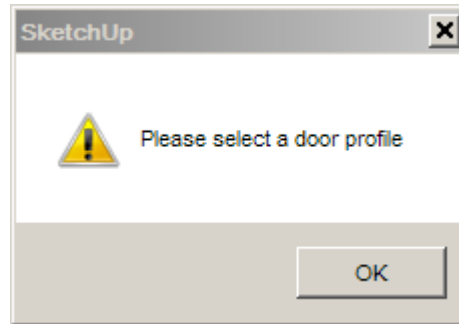
Select the face of the one profile (white face) that you want to save and Click the “Add Door Profiles” button.





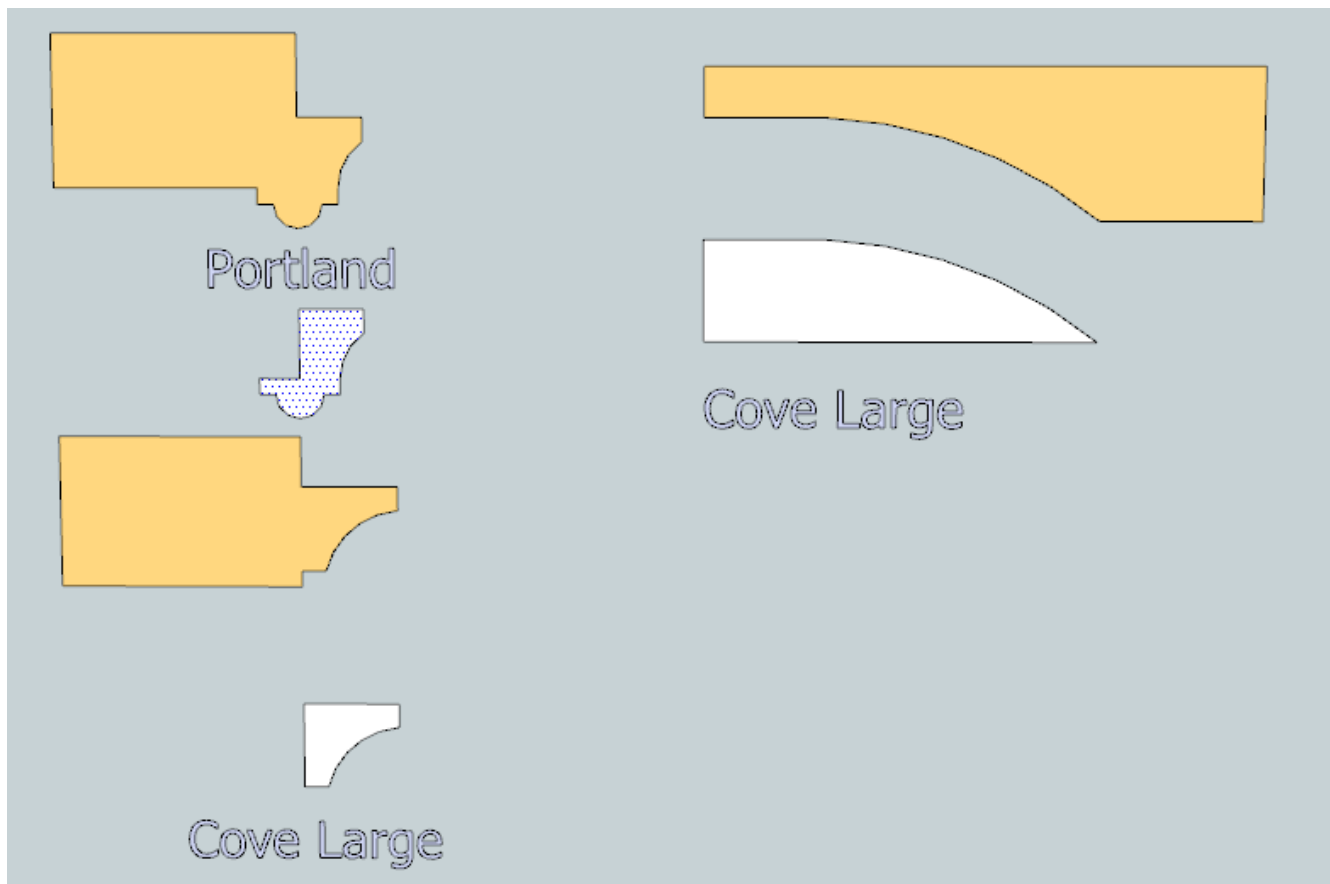
## Add Door Profile

If you don't select exactly one profile face and you invoke "Add Door Profile" you will see this message.



## Selecting a Profile

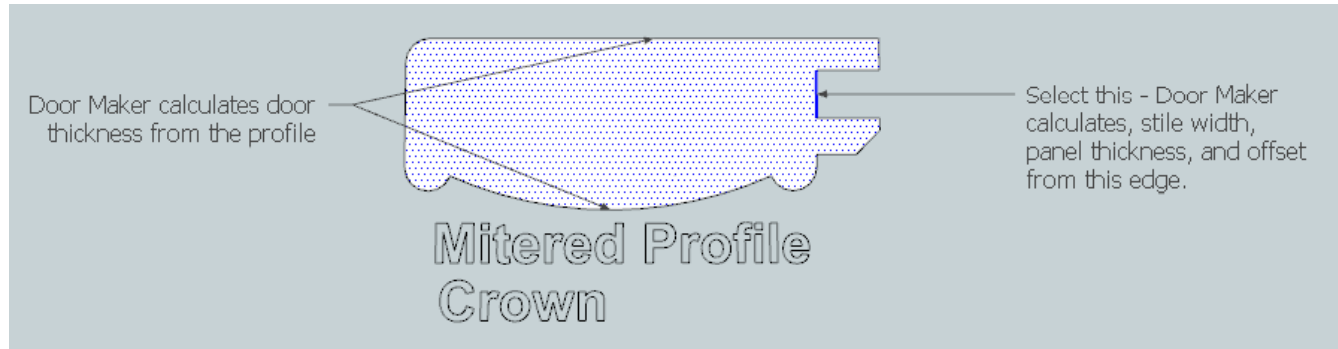
The proper way is to select just the face. Here we have selected the "Portland" profile.



## Selecting a Mitered Profile

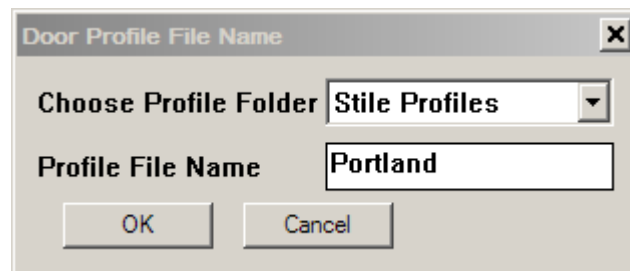
All mitered profiles store “Door Thickness” with the profile. Additionally there is an optional way to select an edge. Then the “Mitered Profile” will also store “Stile Width”, “Panel Thickness” and an offset value for proper panel sizing and placement. In this case the “Panel Profile”, “Stile Width” and “Panel Thickness” are disabled and set from these values.

This shows a selected “Mitered Profile” along with a single edge.



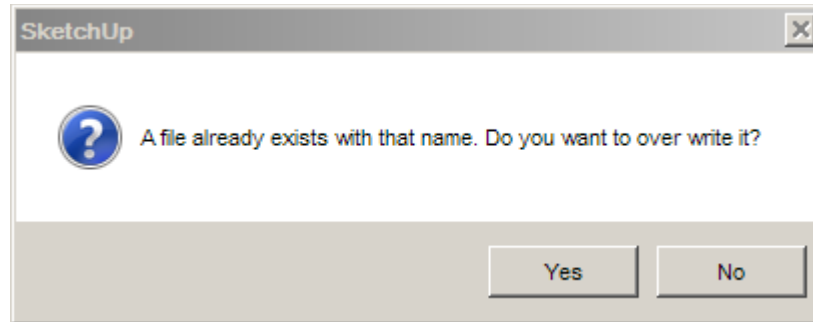
## Naming a Profile

The next step is to pick the type of profile you want to save and to name the profile. There are 4 corresponding profile folders and each one relates to one of the four profile types. These are “Panel Profiles”, “Stile Profiles”, “Front Edge Profiles” and “Back Edge Profiles”. For this example we want “Stile Profiles”.



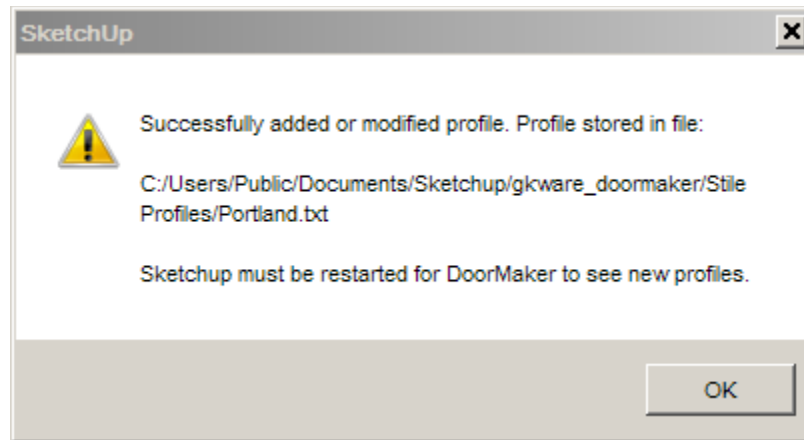
## Saving a Profile

Since “Portland” already exists you will get the opportunity to replace it and you will see this message. You should probably choose “No”, go through these steps again and give the profile a different name. If you overwrite an existing supplied profile then you will lose your changes next time you update your Door Maker plugin.



## Restart after Saving a Profile

Once the profile has been saved you will see a message like this. Please note that you must restart Sketchup before you will see the new profile in the drop down list. You can add as many profiles as you wish and you only need to restart sketchup when you want to see the new profiles in one of the lists.



## **13 Version History**

### **Version 1.0.34 – Oct 9, 2014**

1. Added Mitered Profile feature. Users can now create mitered frame doors.
2. Supplied “Open Styles” wasn’t working with translations. Fixed.

### **Version 1.0.33 – Sep 6, 2014**

1. Changed the web dialog - the enter key now acts like the OK button.
2. Fixed first time registration bug.
3. 'Plain Panel' door shape now disables several irrelevant fields.
4. Added 'Wood Grain' drop down – you can now modify grain direction for door panels.
5. Added 'Second Handle' check box. Great for passage doors where you want a handle on both sides of the door.
6. Added 'Half Width Stile' drop down. Great for bi-fold doors where you want 1 of the stiles half the width.
7. Added 'Open Style Sheet' drop down. You can now store and retrieve style sheets.
8. Changed 'Save As Default' check box to 'Save Style Sheet' drop down. You can now save current style as a named style sheet.

### **Version 1.0.32 – Aug 3, 2014**

1. Updated documentation.
2. Fixed translation issues. English, French and Traditional Chinese are completed. The other language files are not complete.
3. Better sizing of web dialog input form.
4. Added “Center Shaker Panel” and “Debug” option to the Pro version web dialog.

### **Version 1.0.31 – Jul 24, 2014**

1. Packaged incorrect rbs file. Fixed

### **Version 1.0.30 - Jul 17, 2014**

1. Re-factor common code used by Door Maker and Stair Maker.
2. All utilities now under license. License is checked once per session and by first utility that is run.

### **Version 1.0.29 - Jun 11, 2014**

1. Changing “Handle Location” now automatically changes “Click Action”. You may override “Click Action” if you wish.
2. Broke “Tool Option” in version 1.0.28. All selections acted as if “One Click” was chosen. Fixed.

### **Version 1.0.28 - Jun 7, 2014**

1. Change the input box to a web dialog.
2. Removed “Interact Value”
3. Added “Click Action”, “Hinge Angle” and “Pullout Depth” to the web dialog.
4. Click Action is now independent of handle. Added Hinge Top and Hinge Bottom to the

Click Action.

### **Version 1.0.27 - Jun 4, 2014**

1. Added Interaction to Pro version. Doors now open / close based on user supplied hinge angle – defaults to 120 degrees. All Doors and Drawer fronts that have a center mounted handle have pull interaction based on user supplied value.

### **Version 1.0.26 - May 13, 2014**

1. Dragging a door with ht of 0 produced errors. Door maker now handles this gracefully.

### **Version 1.0.25 - Apr 19, 2014**

1. Licensed user had to be connected to internet. Now Licensed user is checked every 5 to 10 days. There is also a Check license choice which will check license now guaranteeing at least 5 days before the next check. This is useful if you plan on being off line for extended periods of time.
2. Some unnecessary checks were being performed if you choose only free version. Fixed.

### **Version 1.0.24 - Apr 14, 2014**

1. Modified web connection to use Ajax to support OSX Lion.

### **Version 1.0.23 - Apr 11, 2014**

1. Door handle positions top center and bottom center were not correct for plain panels. Fixed.
2. SU 2013 and SU 2014 had date time issues with licensing. Fixed.

### **Version 1.0.22 - Mar 30, 2014**

1. If you drag with "one click" there was a line which was confusing. Fixed.
2. The stile profile is now a separate moulding and no longer part of the panel. This is so that glass and mirror type doors can have the same look.
3. Added 4 new door shapes for Pro version.
4. Added 1 new door style for Pro version.
5. Added "Save as Default" for Pro version.
6. Added "Add Door Profile" button on tool bar and menu item.
7. Added "Panel Profile" for Pro version. Users can create custom profiles.
8. Added "Stile Profile" for Pro version. Users can create custom profiles.
9. Added "Front Edge Profile" for Pro version. Users can create custom profiles.
10. Added "Back Edge Profile" for Pro version. Users can create custom profiles.
11. Added 5 Handle Styles for Pro version. Users can add their own handles.
12. Added Handle Locations for Pro version.
13. Added Handle Offset for Pro version.
14. Added Bottom Rail Width for Pro version.
15. Added Bottom Panel Height for Pro version.

### **Version 1.0.21 - Mar 08, 2014**

1. Fixed regression bug for "one click"
2. Now only require vertical wood grain patterns
3. Wood grain patterns now translated
4. Added Spanish translation file. es.lang

### ***Version 1.0.20 - Mar 05, 2014***

1. Fixed "drag", "overlay" and "inset" methods. User can now click any corner and drag diagonally to the opposite corner.
2. Added config folder for user to store custom defaults.txt and or custom textures.txt
3. Added Chinese (simplified) language support.

### ***Version 1.0.19 - Mar 01, 2014***

1. Modified version to work with Sketchup 2014

### ***Version 1.0.18 - Feb 27, 2014***

1. Added "overlay" and "inset" methods. Use overlay for European cabinets. Use inset for inset doors. Adjust inset for Face Frame cabinets.
2. Added "Translate Parts" option in defaults.txt. You can turn off translation for the parts naming as seen under Window/Outliner

### ***Version 1.0.17 - Feb 20, 2014***

1. Make change for Sketchup Extensions warehouse

### ***Version 1.0.16 - Feb 15, 2014***

1. Make change for Sketchup Extensions warehouse

### ***Version 1.0.15 - Feb 10, 2014***

1. Make change for Sketchup Extensions warehouse

### ***Version 1.0.14 - Feb 08, 2014***

1. Major changes to conform to the Sketchup Plugin Store.
2. Dialog cancel did not cancel the door maker plugin. Fixed
3. When creating a few doors and then starting a new model, materials would not show up. Fixed.
4. Changed Undo name from "Undo gkware" to "Undo Door Maker". Fixed
5. Textures would not Undo when undoing a door. Fixed
6. Parts naming was not consistent. Fixed
7. Changed Toolbar name from "GKWare Cabmaker Toolbar" to "GKWare Door Maker"
8. Removed a global variable.