

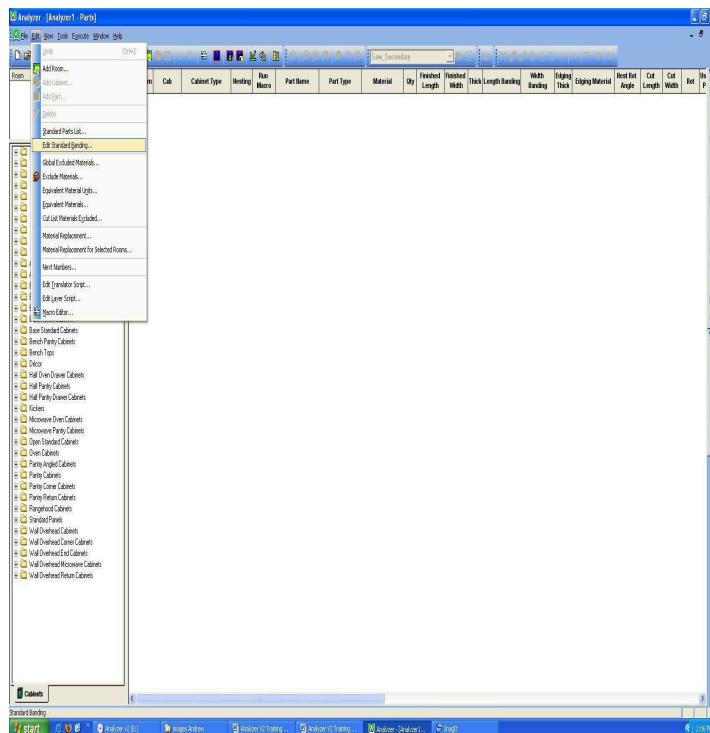
Edging in Analyzer Manufacturing

Analyzer Manufacturing has 2 areas to declare edging. These are:

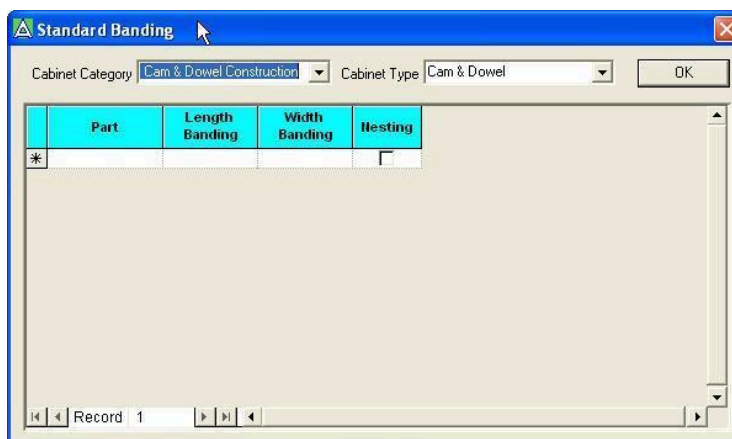
Edit Standard Banding

Select **Edit → Edit Standard Banding...**

The normal practice is to model parts without edging applied. This option tells Analyzer Manufacturing how edging is to be applied to parts on import. When parts are imported, Analyzer Manufacturing first looks in this list for information on how to apply edging.



40_Edit Standard Banding.jpg



41_Edit Standard Banding Properties.jpg

Select **Edit → Standard Parts List...**



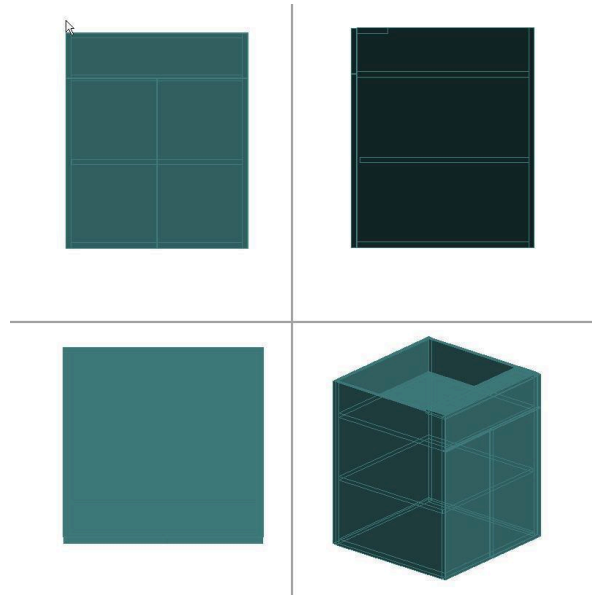
2

Edit Data									
Part	Description	Length Banding	Width Banding	HOPS Variable	Nest	Use In POS	Run HOPS Macro	Use POS Macro	
Adj Shelf	Adjustable Shelf	Analyzer Top			<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Back	Cupboard Back				<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Back LH	Corner Cabinet Back				<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Back Panel	Back Panel				<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Back RH	Corner Cabinet Back				<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Bench Top	Work Top				<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Bottom	Cupboard Bottom	Analyzer Top			<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Cleat	Fixing Cleat				<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CR Back	Construction Rail Back	Analyzer Top			<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CR Front	Construction Rail Front	Analyzer Top			<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
DBack	Drawer Back	Analyzer Top			<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
DBottom	Drawer Bottom				<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
DF	Drawer Front	**	**		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
DFM	Drawer Front MetaBox	**	**		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
DFront	Drawer Box Front	Analyzer Top			<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Divider	Drawer Divider	Analyzer Top			<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Division	Cupboard Division	Analyzer Top			<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Door LH	Door LH Hinge	**	**		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Door RH	Door RH Hinge	**	**		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
DSide	Drawer Side	Analyzer Top			<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
End LH	LH End	Analyzer Top			<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
End Panel	False End	Analyzer Top			<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
End RH	RH End	Analyzer Top			<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Fixed Panel	False Panel	Analyzer Top			<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Fixed Shelf	Cupboard Shelf	Analyzer Top			<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Former					<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Gable LH	LH Gable	Analyzer Top			<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Gable RH	RH Gable	Analyzer Top			<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Handle	Cupboard Handle				<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Hinge Post	Hinge Post	Analyzer Top			<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Kick	Cabinet Kick				<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Kicker					<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Laminate	Laminate				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Machine Block	Machine Block Template				<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Packer	packer				<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Pelmet	Underside of bulkhead	Analyzer Top			<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
PocketBlock	Machine Block Template				<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Rail	Cabinet Rail	Analyzer Top			<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
S Door	Sliding Door	**			<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Scribe	Infill	Analyzer Top			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Splash Back	kitchen splash back	Analyzer Top			<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Top	Cabinet Top	Analyzer Top			<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
*					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

43_Edit Standard Parts List Properties.jpg

Exercise 5 – Edging From Parts List

Std Base Cabinet with 2 Doors, 1 DF, 1 Fixed Shelf, 1 Adj Shelf



44_Ex5 Edging Unit.jpg

Open 5_Standard Edging.anz from C:\USR\Training\Analyzer\Exercise\

Earlier we showed you the Parts List with the default settings for edging those particular Part Names. You will notice here that the Parts that have been loaded have come through with edging defaults.

The screenshot shows the 3D Analyzer software interface with a parts list table. The table has columns for Room, Cab, Cabinet Type, Nesting, Run Macro, Part Name, Part Type, Material, Qty, Finished Length, Finished Width, Thickness, Length Banding, Width Banding, Edging Thick, Edging Material, and Heat Rot Angle. The table lists various cabinet components and their associated materials and dimensions.

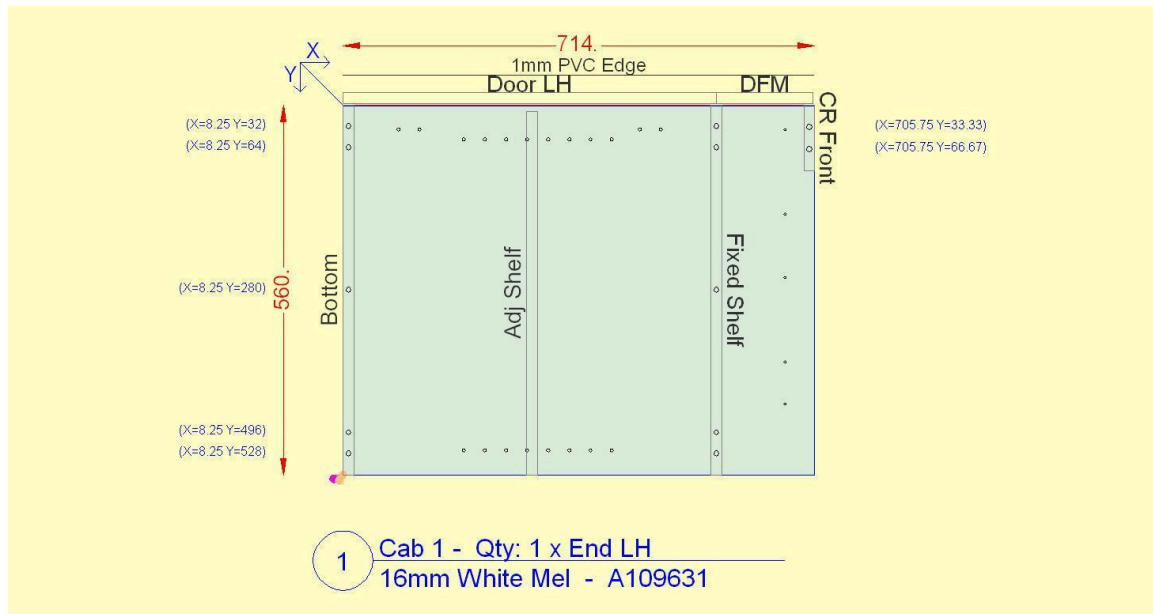
Room	Cab	Cabinet Type	Nesting	Run Macro	Part Name	Part Type	Material	Qty	Finished Length	Finished Width	Thickness	Length Banding	Width Banding	Edging Thick	Edging Material	Heat Rot Angle
1	Cab 1	Cam & Dowel			End LH		16mm White Mel	1	714.00	560.00	16.50	Analyzer Top		1.00	1mm PVC Edge	180
2	Cab 1	Cam & Dowel			End RH		16mm White Mel	1	714.00	560.00	16.50	Analyzer Top		1.00	1mm PVC Edge	180
3	Cab 1	Cam & Dowel			Bottom		16mm White Mel	1	567.00	560.00	16.50	Analyzer Top		1.00	1mm PVC Edge	180
4	Cab 1	Cam & Dowel			CR Front		16mm White Mel	1	567.00	100.00	16.50	Analyzer Top		1.00	1mm PVC Edge	180
5	Cab 1	Cam & Dowel			Back		16mm White Mel	1	714.00	600.00	16.50			1.00	1mm PVC Edge	180
6	Cab 1	Cam & Dowel			Adj Shelf		16mm White Mel	1	565.00	550.00	16.50	Analyzer Top		1.00	1mm PVC Edge	180
7	Cab 1	Cam & Dowel			Door LH		16mm White Mel	1	565.00	298.00	16.50	**	**	1.00	1mm PVC Edge	180
8	Cab 1	Cam & Dowel			DFM	320M500	16mm White Mel	1	146.00	590.00	16.50	**	**	1.00	1mm PVC Edge	180
9	Cab 1	Cam & Dowel			Fixed Shelf		16mm White Mel	1	567.00	560.00	16.50	Analyzer Top		1.00	1mm PVC Edge	180
10	Cab 1	Cam & Dowel			Door RH		16mm White Mel	1	565.00	298.00	16.50	**	**	1.00	1mm PVC Edge	180

45_Exercise 5 Standard Edging Analyzer.jpg

Select the **Run Geometry Scripts**  Button on the Tool Bar.

Select the **Open Parts Graphics View**  Button on the Tool Bar.

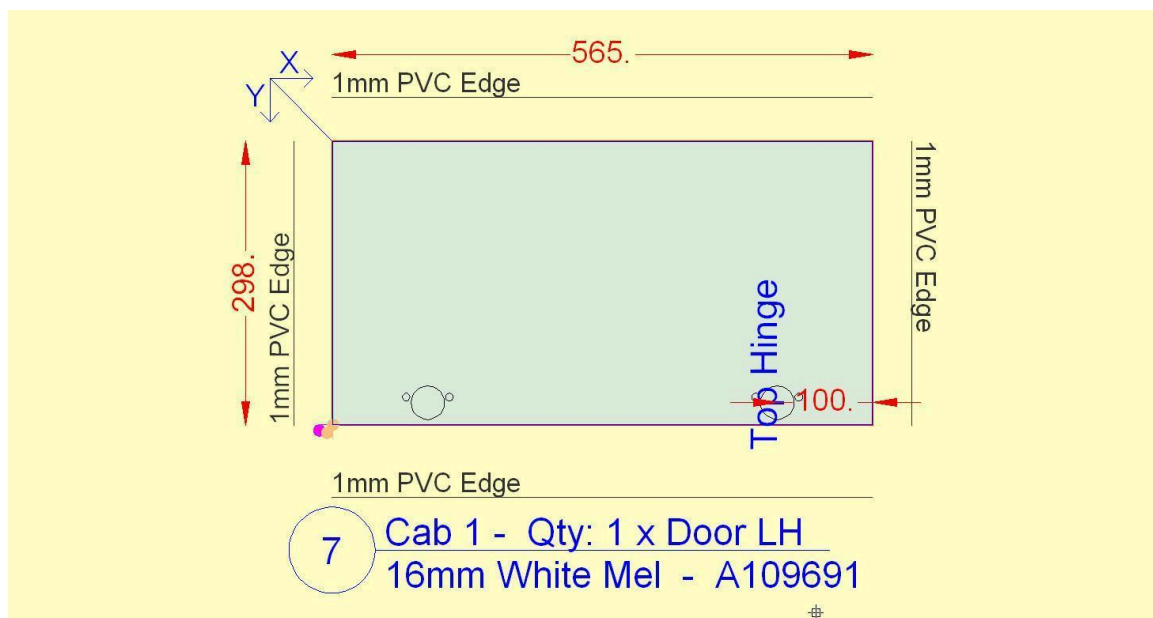
Double click the **Room 1** folder. Double click the **Cabinet Cab 1**.
Double Click the **End LH**



46_Exercise 5 Edge Graphic.jpg

Notice that Analyzer Manufacturing has added a line and comment for the edging **1mm PVC Edge** to the Top.

Double click on the **Door LH**



47_Exercise 5 Door Edge Graphic.jpg

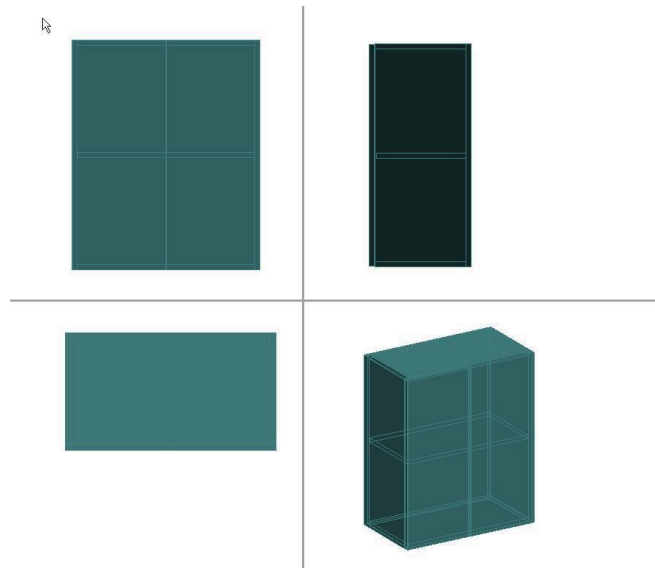
Notice that Analyzer Manufacturing has added a line and comment for the edging **1mm PVC Edge** to all 4 sides.

NOTE: The edge names relate to how you see the edge on the screen.

- | | |
|-----------------|--|
| Analyzer Top | - Places the edging at the top of the screen |
| Analyzer Bottom | - Places the edging at the bottom of the screen |
| Analyzer Left | - Places the edging at the left of the screen |
| Analyzer Right | - Places the edging at the right of the screen |
| * | - Places the edging with no reference to orientation of part |
| ** | - Places the edging with no reference to orientation of part |

Exercise 6 – Edging From Edit Standard Banding

Standard Overhead Cabinet with 2 Doors, 1 Adj Shelf



48_Ex6 Standard Banding Unit.jpg

Open 6_Standard Cabinet Type Banding.anz from C:\USR\Training\Analyzer\Exercise\

Room	Room #	Room	Cab	Cabinet Type	Nesting	Run Macro	Part Name	Part Type	Material	Qty	Finished Length	Finished Width	Thick	Length Banding	Width Banding	Edging Thick	Edging Material	Heat Rot Angle
1	1	K	Screw		<input checked="" type="checkbox"/>		End LH		16mm White Mel	1	736.00	317.00	16.50	Analyzer Top		0.00		360
2	1	K	Screw		<input checked="" type="checkbox"/>		End RH		16mm White Mel	1	736.00	317.00	16.50	Analyzer Top		0.00		360
3	1	K	Screw		<input checked="" type="checkbox"/>		Bottom		16mm White Mel	1	567.00	300.50	16.50	Analyzer Top		0.00		360
4	1	K	Screw		<input checked="" type="checkbox"/>		Door LH		Door Colour	1	733.00	298.00	16.50	**	**	0.00		360
5	1	K	Screw		<input checked="" type="checkbox"/>		Adj Shelf		16mm White Mel	1	564.00	295.50	16.50	Analyzer Top		0.00		360
6	1	K	Screw		<input checked="" type="checkbox"/>		Back		16mm White Mel	1	736.00	567.00	16.50	**	**	0.00		360
7	1	K	Screw		<input checked="" type="checkbox"/>		Door RH		Door Colour	1	733.00	298.00	16.50	**	**	0.00		360
8	1	K	Screw		<input checked="" type="checkbox"/>		Top		16mm White Mel	1	567.00	300.50	16.50	Analyzer Top		0.00		360

49_Exercise 6 Analyzer.jpg

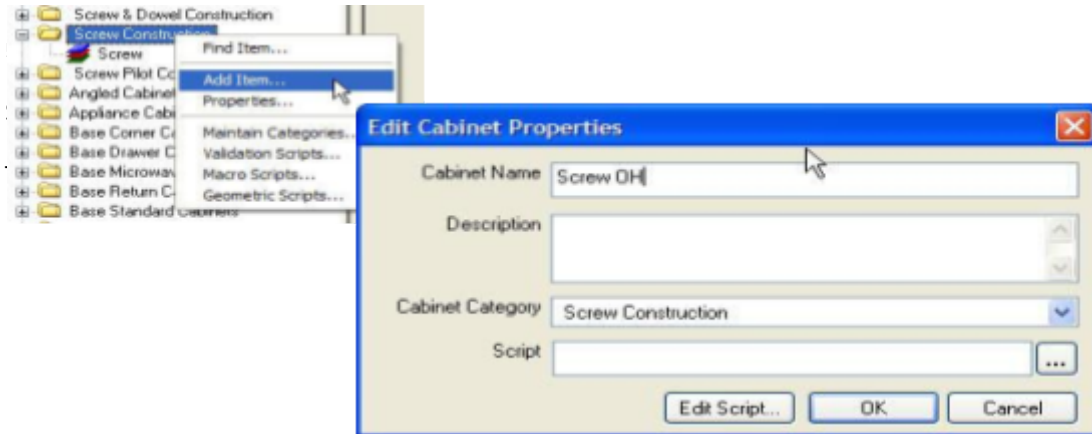
Here you will notice that both the End LH & End RH have edge defaults of Analyzer Top.

For this cabinet we want the Ends to be edged underneath. To do this we need to do the following.

NOTE:

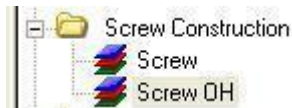
(By doing this process it will affect the standard scripting, please read the scripting section in this course to inform you on how to update the scripts for additional cabinet types. If you are still unsure on how to do this process please consult the Pytha support team for more information. Scripting has already been changed on Pytha training computers for the purposes of this course.)

Highlight the Screw Construction and right click to bring up the drop down box.



Select **OK**

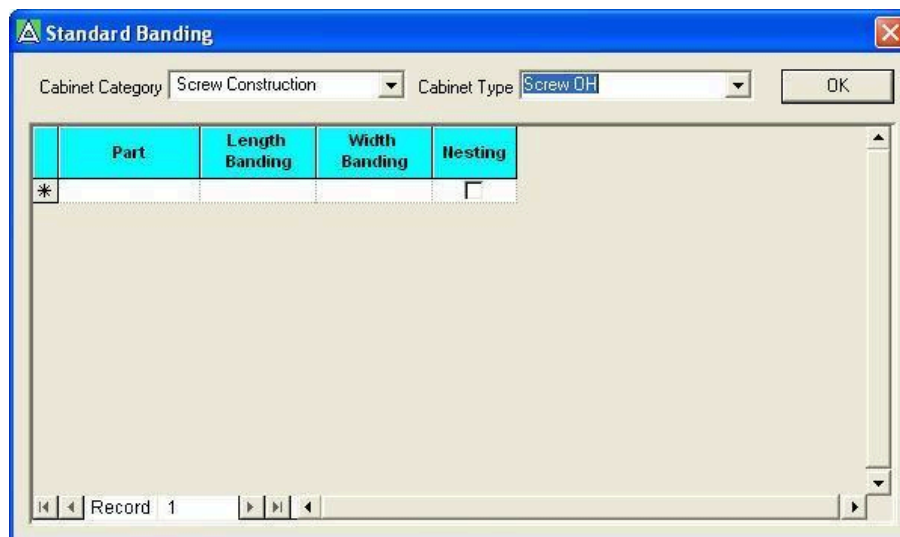
Analyzer Manufacturing will add Screw OH to the list.



51_Exercise 6 New Cabinet Added.jpg

Now we need to add the default edging for this cabinet type.

Select **Edit → Edit Standard Banding...**

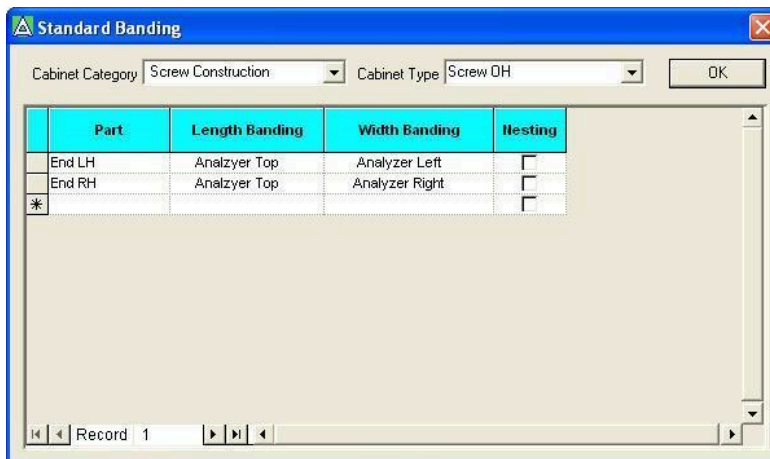


52_Exercise 6 Standard Banding.jpg

For the Cabinet Category select Screw Construction

For the Cabinet Type select Screw OH.

Pick the following Part Names and declare the edging as below.



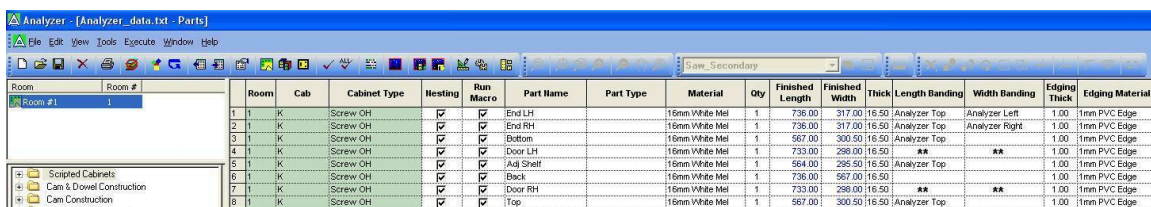
53_Exercise 6 Parts Added To STD Banding.jpg

Select **OK**.

Note: Analyzer Manufacturing only updates the edging on import.

Open 6a_Added Cabinet Type.anz from C:\USR\Training\Analyzer\Exercise\

You will notice that the edging has changed.



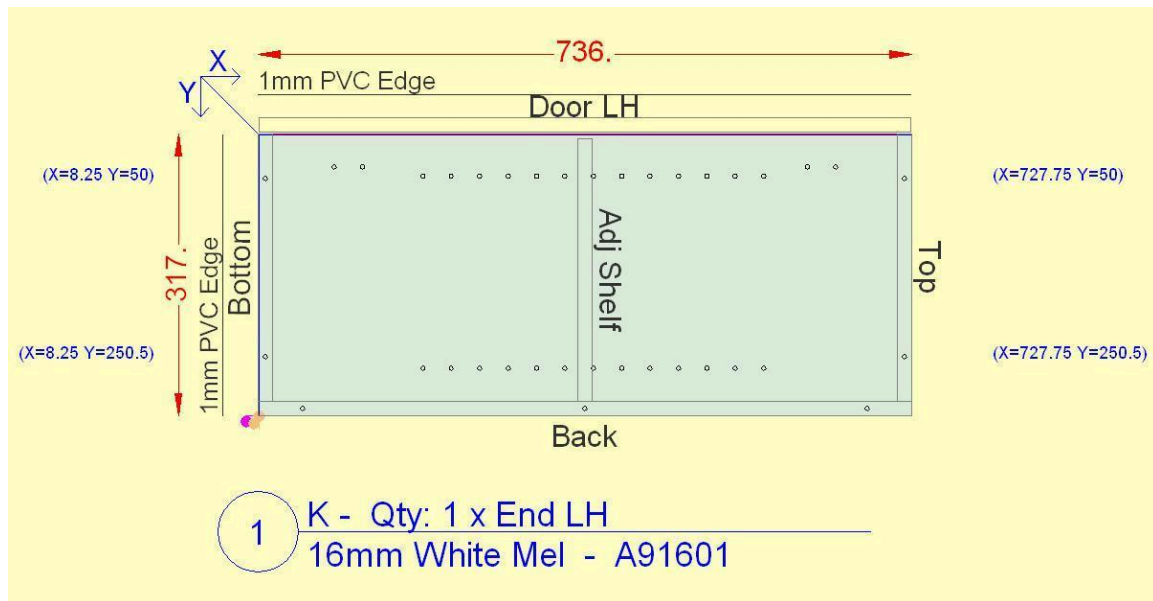
Room	Cab	Cabinet Type	Nesting	Run Macro	Part Name	Part Type	Material	Qty	Finished Length	Finished Width	Thick	Length Banding	Width Banding	Edging Thick	Edging Material
1	1	K	Screw OH	<input checked="" type="checkbox"/>	End LH		16mm White Mel	1	736.00	317.00	16.50	Analyzer Top	Analyzer Left	1.00	1mm PVC Edge
2	1	K	Screw OH	<input checked="" type="checkbox"/>	End RH		16mm White Mel	1	736.00	317.00	16.50	Analyzer Top	Analyzer Right	1.00	1mm PVC Edge
3	1	K	Screw OH	<input checked="" type="checkbox"/>	Bottom		16mm White Mel	1	567.00	300.50	16.50	Analyzer Top		1.00	1mm PVC Edge
4	1	K	Screw OH	<input checked="" type="checkbox"/>	Door LH		16mm White Mel	1	733.00	298.00	16.50	**	**	1.00	1mm PVC Edge
5	1	K	Screw OH	<input checked="" type="checkbox"/>	Adj Shelf		16mm White Mel	1	564.00	295.50	16.50	Analyzer Top		1.00	1mm PVC Edge
6	1	K	Screw OH	<input checked="" type="checkbox"/>	Back		16mm White Mel	1	736.00	567.00	16.50			1.00	1mm PVC Edge
7	1	K	Screw OH	<input checked="" type="checkbox"/>	Door RH		16mm White Mel	1	733.00	298.00	16.50	**	**	1.00	1mm PVC Edge
8	1	K	Screw OH	<input checked="" type="checkbox"/>	Top		16mm White Mel	1	567.00	300.50	16.50	Analyzer Top		1.00	1mm PVC Edge

54_Exercise 6a Analyzer.jpg

Select the **Run Geometry Scripts**  Button on the Tool Bar.

Select the **Open Parts Graphics View**  Button on the Tool Bar.

Double click the **Room 1** folder. Double click the **Cabinet Cab K**.
Double Click the **End LH**



55_Exercise 6a Graphic Screen.jpg

Notice the Edging in the correct position.

Questions 8-10

8. Where do you find the standard edging information?

9. How do you tell if there is edging on a part in the graphic screen?

10. Where do you go to edit standard edging for a construction type?
