**3D Analyzer Software**

Edging in Analyzer Manufacturing

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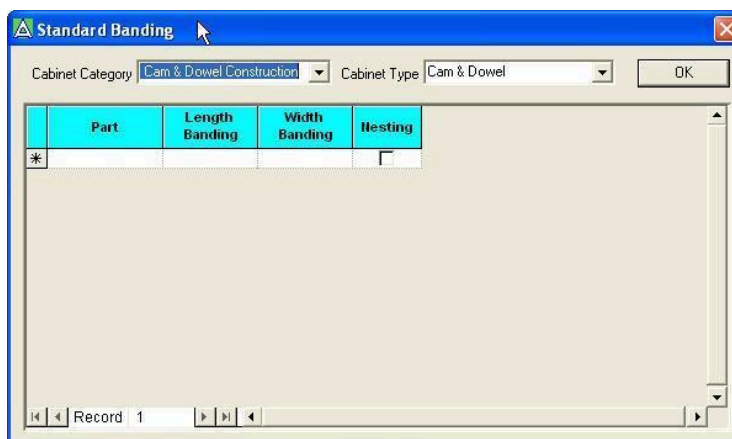
Edit Standard Banding

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.
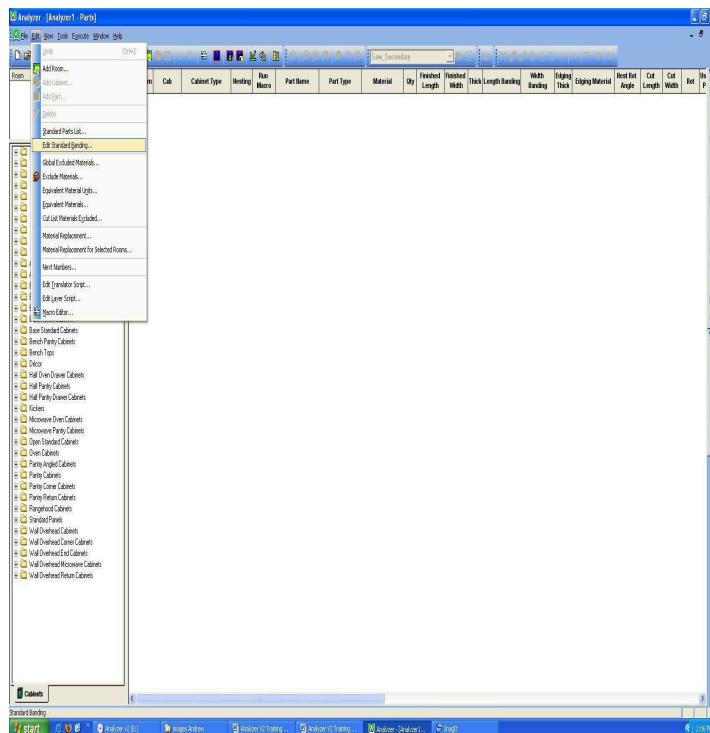
40_Edit Standard Banding.jpg

41_Edit Standard Banding Properties.jpg

Standard Parts List

Select Edit → Standard Parts List...

42_Edit Standard Parts List.jpg

If there are no settings in Edit Standard Banding then Analyzer Manufacturing looks in the Standard Parts List for the defaults.

Edit Data

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

Print   Find   Replace   Save   Finish

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
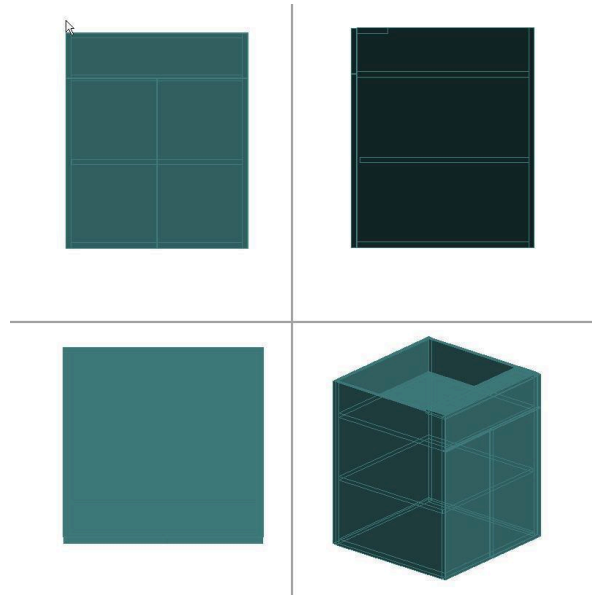
44_Ex5 Edging Unit.jpg

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.

45_Exercise 5 Standard Edging Analyzer.jpg

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

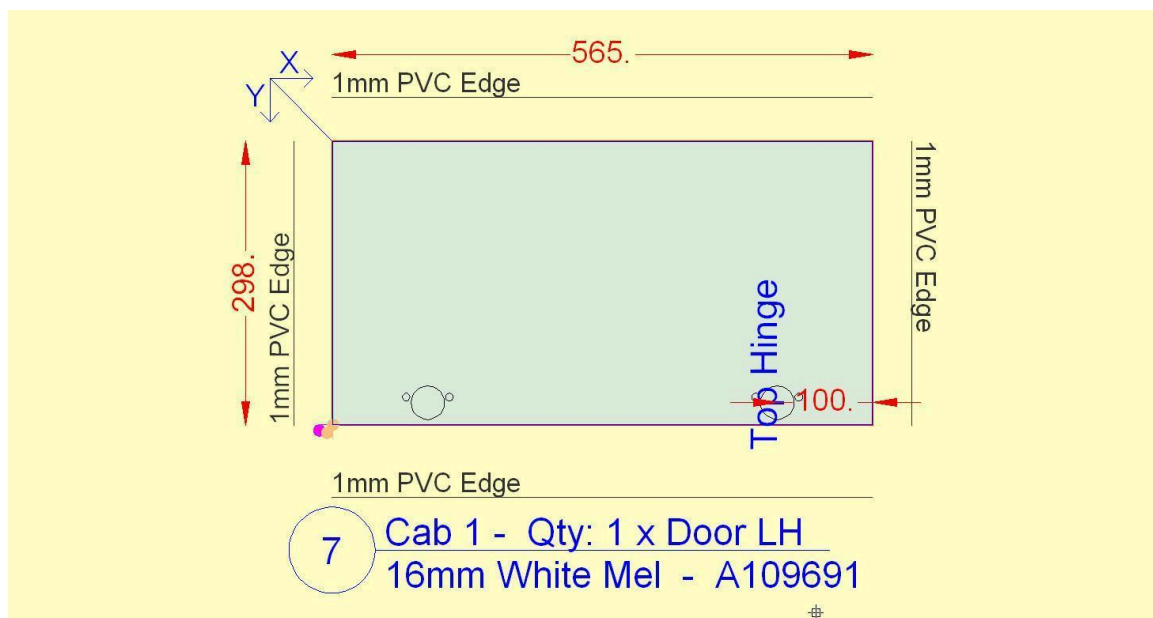**Select** the **Open Parts Graphics View** Button on the Tool Bar.

Double click the **Room 1** folder. Double click the **Cabinet Cab 1**.
Double Click the **End LH**
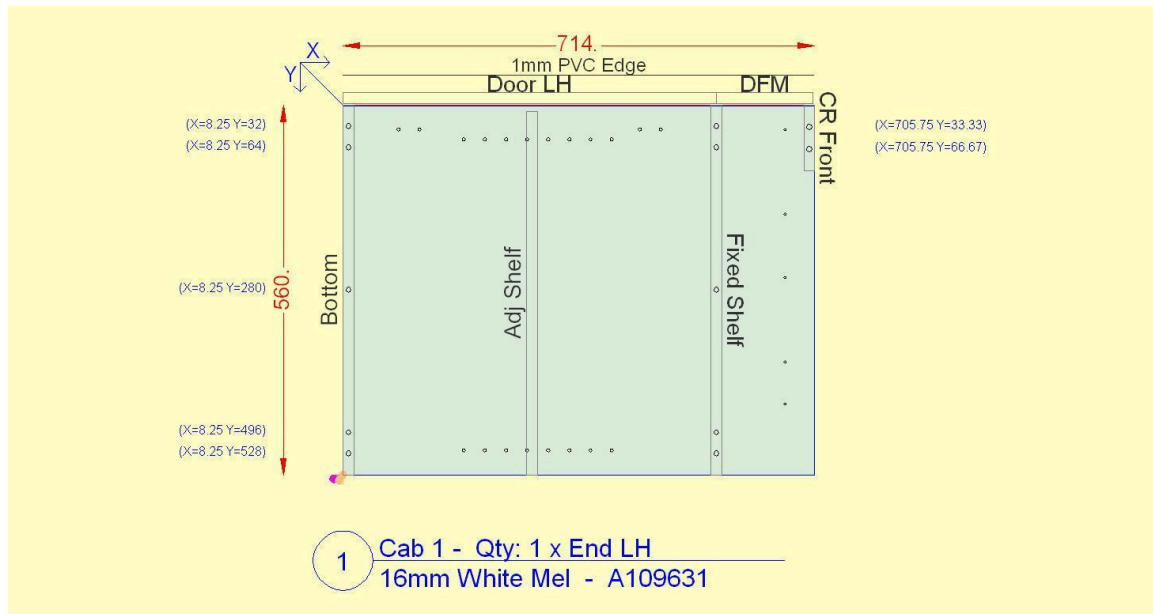
46_Exercise 5 Edge Graphic.jpg

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**

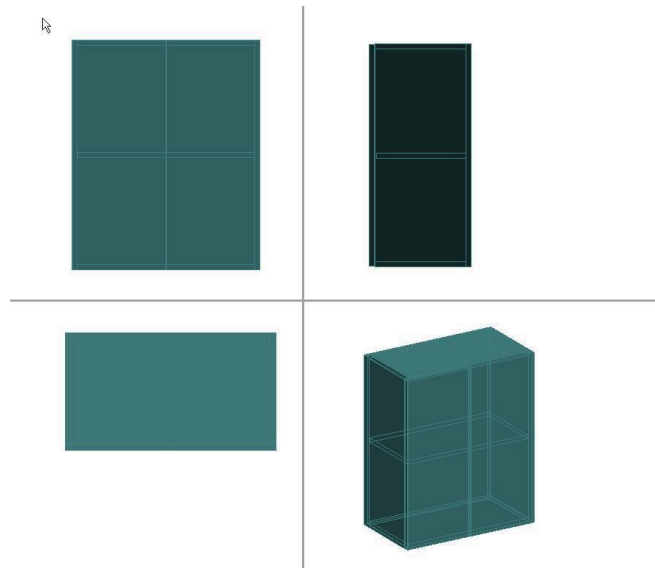47_Exercise 5 Door Edge Graphic.jpg

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\


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.
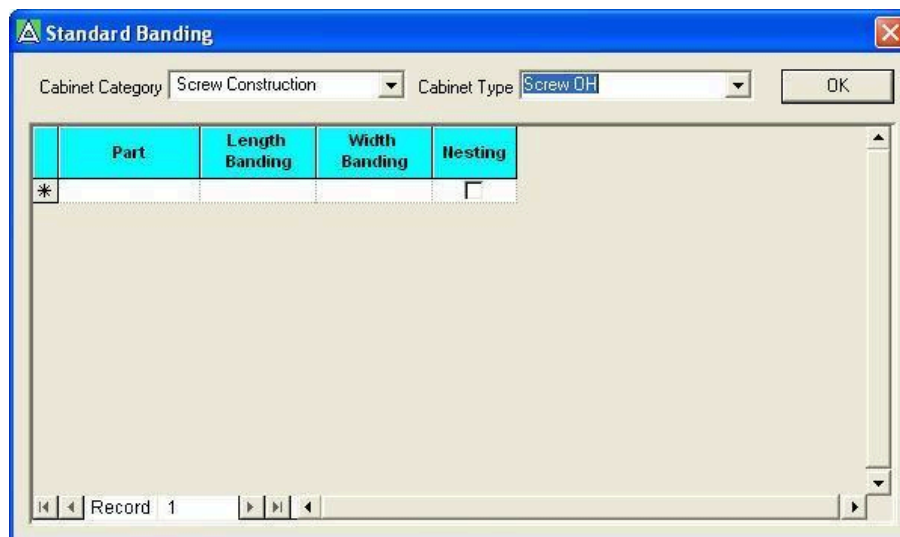
6
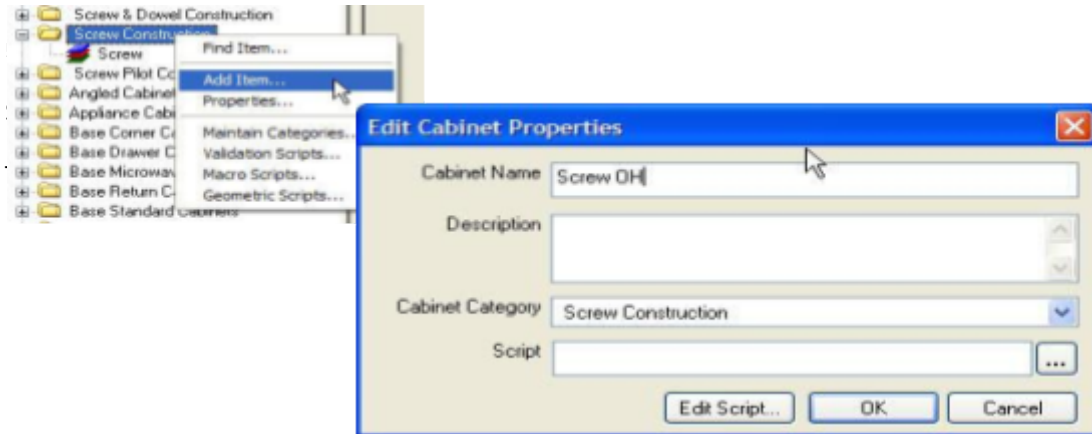
Select **OK**

Analyzer Manufacturing will add Screw OH to the list.
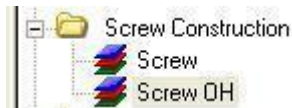
51_Exercise 6 New Cabinet Added.jpg

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

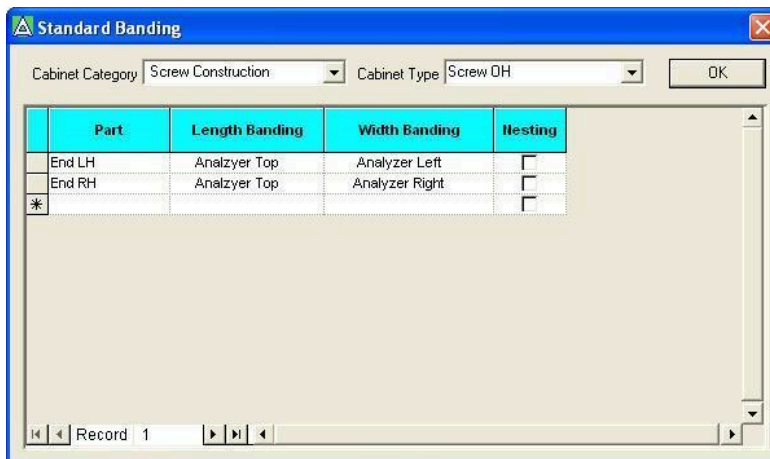Select Edit → Edit Standard Banding…

52_Exercise 6 Standard Banding.jpg

For the Cabinet Category select Screw Construction
For the Cabinet Type select Screw OH.

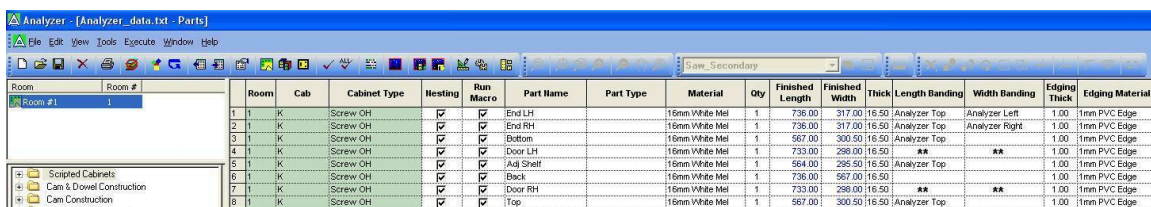Pick the following Part Names and declare the edging as below.

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\
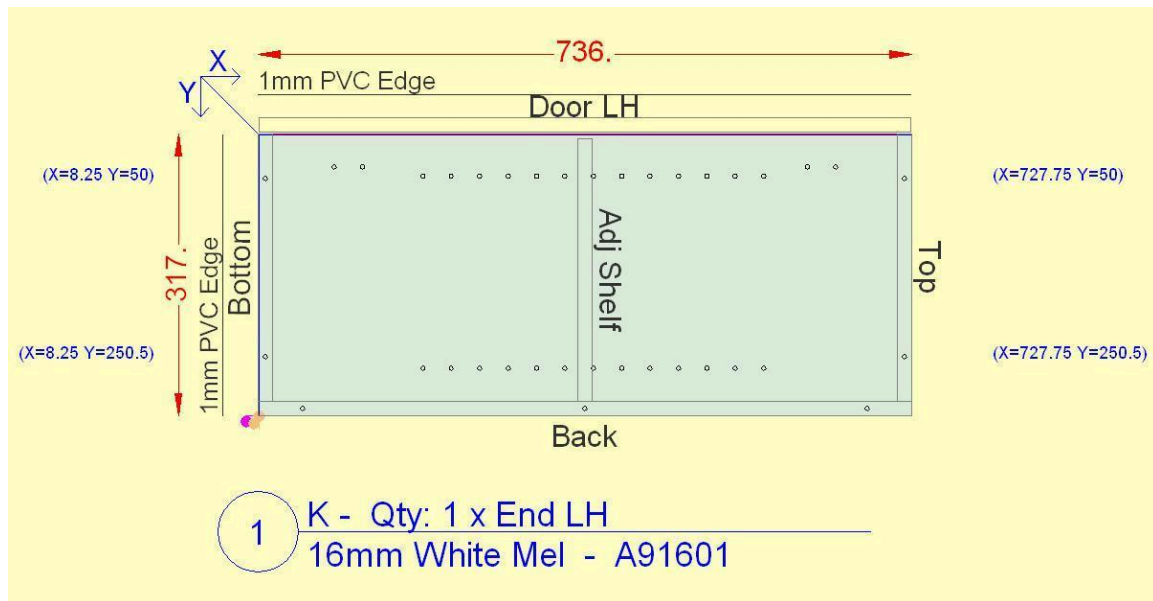
You will notice that the edging has changed.

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?

_____
_____