

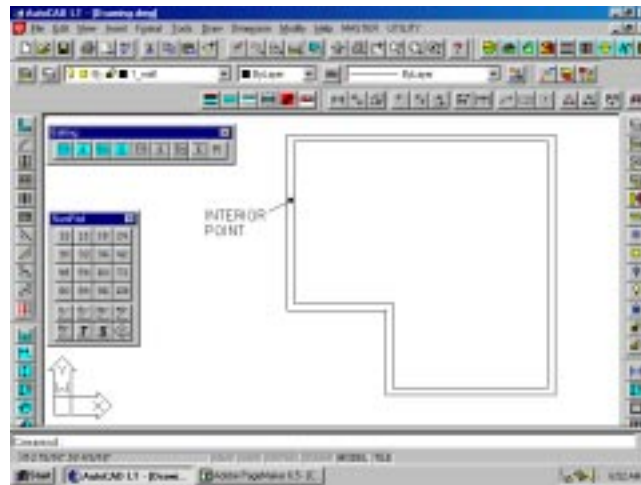
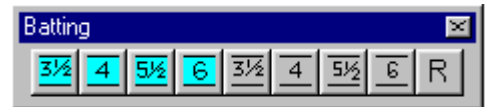
Batting/Insulation

The new Batting or Insulation commands allow you to fill your floor plan walls with an insulation fill. You can also add insulation to your elevations and sections. The sizes or width of the insulation fill are 3-1/2", 4", 5-1/2" and 6". We are looking for feedback concerning the width. If you feel that there should be other sizes, please let us know.

Plan Wall Insulation

The Batting toolbar is pictured at right. Buttons 1 through 4 are the Plan Wall Insulation buttons. To fill your walls with the batting pattern, follow these steps.

1. Draw your floor plan walls.
2. Select the button with a number that coincides with your wall width. For example, if your walls are 4" wide, you would select the 4" button.
3. The prompt will ask for an "Internal point". Pick a point inside of the wall lines, as shown in example B1. The entire exterior wall line should "highlight". If it does not, this means that the wall lines are not closed at some wall corner. You must find the break and "fillet" the lines together, then run the command again.



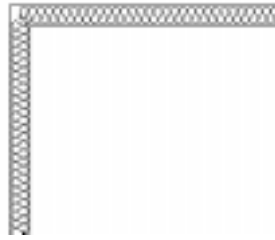
Example B1

4. You are then prompted for the "Side to offset". Pick a point inside of the floor plan, as shown in example B2 below.



Example B2

- As soon as you pick the side to offset point, the walls will be filled with the batting pattern. See example B3 below.



Example B3

- With the walls filled, you may add your windows and doors. They will automatically cut through the fill as you place them.

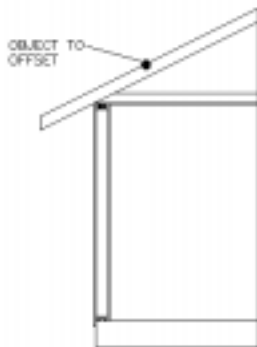
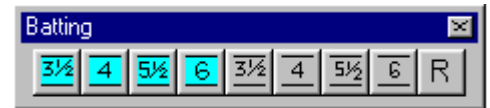
If you are trying to add the fill to a floor plan that already has windows and doors, use the same method to add the batting fill. However, you will have to use the “Trim resized window” command on the Multi-Line Walls toolbar to trim out the batting the batting out of the window and door openings.



Offset Line Insulation

The Offset Line Insulation commands allow you to select any line in your drawing and create batting to the side you select. You can use this to add insulation batting to your rafters in a sectional view, wall sections and details. Again, as in the Plan Wall Insulation commands, the widths are 3-1/2”, 4”, 5-1/2” and 6”. Follow these steps to apply the Offset Insulation. Buttons 5 through 8 are the Offset Line Insulation commands.

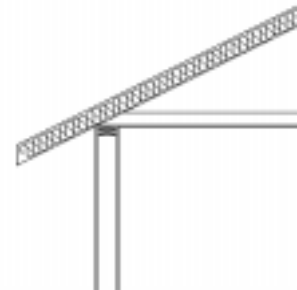
- Draw you sections or elevations.
- Select the button with a number that coincides with your wall width. For example, if your walls are 4” wide, you would select the 4” button.
- You will be prompted to “Select object to offset”. Pick the rafter line as shown below in example B4. You will then be prompted for the “Side to offset”. Select a point as shown in example B5 below.



Example B4



example B5



Example B6

- As soon as you pick the offset side point, the batting will be applied, as in example B6 above. If it doesn't look correct or is the wrong size, just type U and enter to back up a step, and run the command again.

Note: AutoCAD LT2000 may require you to pick the R button in order to see the batting once it is applied. If you run the command, but only see a line where the fill should be, zoom in and pick the R button. This should make the batting visible.