



USER MANUAL

PLPak Version 1.01

**STRUCTURAL ANALYSIS SOFTWARE USING BOUNDARY
ELEMENTS METHOD**

PLPAK basic tutorials

Tutorial 21 – PLPost assemblies

CONTACT DETAILS:

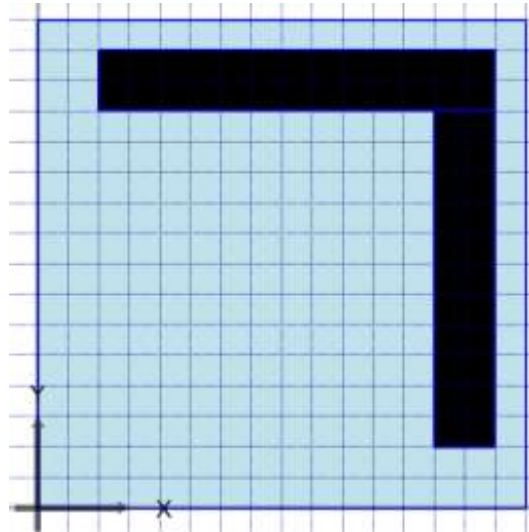
www.be4e.com

support@be4e.com

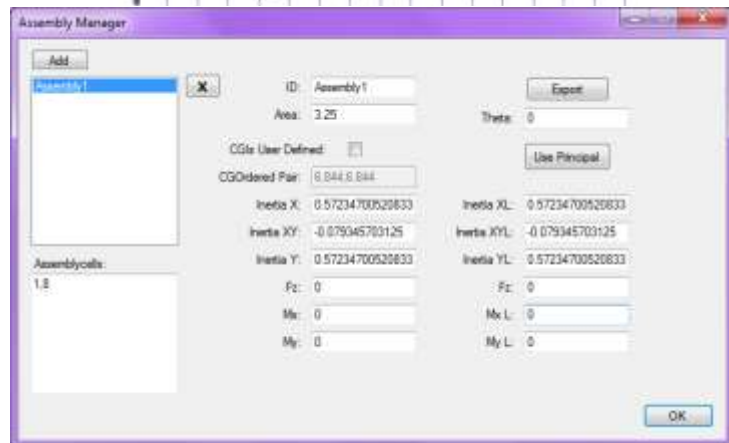
Tutorial 21

The objective of this tutorial is to use Assemblies function in PLPost

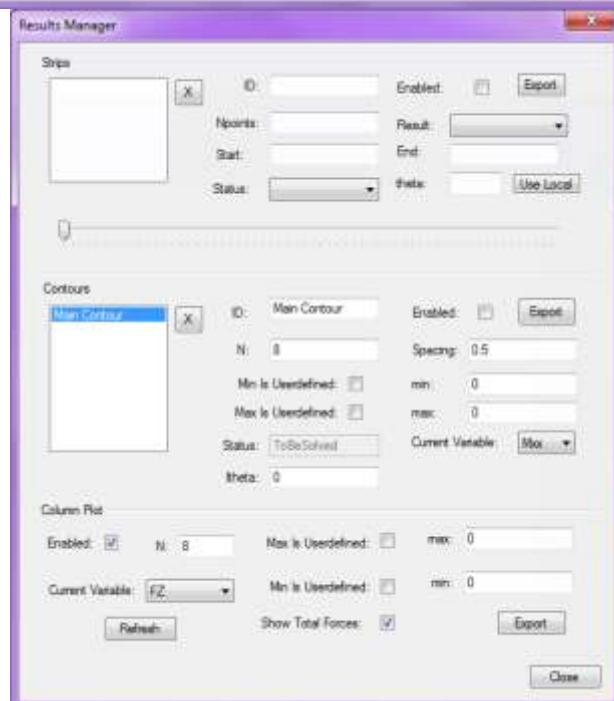
I – In PLGen draw a wall assembly and a slab. Run the model, and then open it the PLPost.



II – In PLPost, click on supports then right-click to open Assemblies. Click on Add to add a new assembly. I can choose the cells to which I can assembly. The cells are the numbers of each patch or cell, for example, enter 1, 8 under the cells to consider all the cells from 1 to 8. Click anywhere to refresh.



III – Right-click to open the Results Manager, enable the Column Plot, and enable Show Total Forces then close the results manager. I will reopen the assembly manager and as you will notice the upward force has been updated.



IV - Reopen the Assembly Manager and notice that the upward force has

been updated.

The assembly manager has the same capability as the results manager in terms of exporting the results, the same process is used in terms of choosing the load case and then exporting the .tsv file.

N.B. Assemblies cannot be saved with a file. However note that opening another .LC file can cause conflicts especially when using assemblies. It is recommended that you restart the PLPost before opening the new file.