
spWall v3.60a - Updated May 2010

Updated user documentation and resolved miscellaneous license activation issues.

spWall v3.60 – Updated April 2009

Enhancements:

1. Updated Lambda factor calculations for lightweight concrete for consistency with ACI and CSA standards as well as other programs in StructurePoint's software suite.
2. Modified second order effects to become the default option allowing user to automatically account for slenderness effects.
3. Provided easier and faster access to software manual directly from the Help menu.
4. Automated naming of text report file to sync with open data file name.
5. Renamed pcaWall, also formerly known as pcaTilt, to spWall to better relate and support the registered trade name of the publisher, StructurePoint, formerly PCA's Engineering Software Group.

Resolved Issues:

1. Corrected program interface to allow output results to print for user selected load combinations.

pcaWall v3.50 – Upgraded March 31, 2006

New Features:

1. Supports ACI 318-05 and CSA A23.3-04
2. Improved licensing including:
 - multiple entries (each on a separate line) are allowed in the lshost.txt to achieve license server redundancy
 - LAN keyword can be specified in the lshost.txt file to instruct the license manager to search for a license in the local area network (within the same subnet)
 - complete licensing information displayed in the About box

3. Users can check if a newer version of the program is available using Help | Check for update command.
4. User interface enhancements including improved graphical display of results with contour/diagram annotations
5. Enhanced documentation including
 - Updated manual and on-line help
 - Context sensitive help
6. The pcaWall installation file is now digitally signed by pcaStructurePoint.

Resolved Issues:

1. Incorrect information in the Info window has been revised.
2. Missing information in the text output has been supplemented

pcaWall v3.02 - July 9, 2004

1. On Windows NT and XP, installation will run only if an account with administrative rights is used.
2. All temporary files are stored in local system temporary directory instead of tmp subfolder of the program folder.
3. Using Update button when viewing text results no longer causes pcaWall to crash.
4. All program icons are shown in pcaWall folder for all types of users on NT and XP machines.
5. A bug, which would occasionally crash pcaWall during the design of stiffeners for ACI code in English unit system, has been fixed.
6. Cosmetic corrections in the interface and program output including:
 - Word "stiffener" is now correctly spelled in the program output.
 - Flange left thickness (T-L) and flange right width (W-R) are now correctly displayed in the table view of the stiffener section define window. Calculations, however, were and are done correctly according to data entered in the Flange frame.
 - File names are no longer capitalized.
 - The About dialog box displays licensing information.
 - CSA specific headers are used in the output when CSA code is used.
 - Sequence of tabbing between controls in a few dialog boxes has been corrected.
7. Corrections in the manual.

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pcaWall v3.00 - March 2004

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New Features:

1. Redesigned and enhanced interface with such new features as graphical display of stiffener forces and improved reporting options.
2. 32 bit application fully compatible with new Windows systems such as Windows 2000 and XP.
3. New stiffener design options including flanges and more reinforcement layouts.
4. New load type - linear area load - for modeling soil and liquid pressure.
5. Updated and enriched manual in PDF format.

Resolved issues:

1. Discrepancies between graphical and text results in some cases when more than one service and one ultimate load combinations were present.
2. Freezing of the program during stiffener design.
3. "Floating-point error: Overflow when trying to view contours and results".
4. An issue related to the uniform line load.