SALMONS TECHNOLOGIES INC.
PRECAST CONCRETE ENGINEERING SOFTWARE

Release Notes for Compmem V3.2.0

New/Changed Features in V3.2.0 (since V3.1.2)

- Updated Building Code selections to include ACI 318-08, ACI 318-11 and ACI318-14. Removed the options for ACI 318-99 and ACI 318-02.

- The licensing changed to a web activation model from the hardware key with license file model.

- Development of V3.1.3 ceased after Beta 23 to accommodate the change in license activation.

Bugs Fixed in V3.2.0
[1] Fixed since V3.1.3.b23

985 Added option to change the Edit Input window size. Under the Window item on the main menu select Size and then one of the pre-set sizes on the submenu. The size selection will be restored next time the program is started.

1106 The program now opens correctly when you double-click on the file icon even if the name contains two spaces together.

1181 The [Delete] key now works in table cells.

1203[1] Added a note to clarify that non-convergence of the Max. Moment calculation does not affect the calculation for the Moment Magnification section of the report.

1296 Development version will show the message "This license has expired." instead of crashing when the license period is up.

1323 The program will now restore the position and size of the main window from one session to the next.

1326[1] The program now reports the neutral axis depth that is calculated as part of the Moment Magnification table for factored loads.

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1400[1] Added option to use ACI 318-08, ACI 318-11, ACI 318-14 as the building code. Removed ACI 318-99 and ACI 318-02 codes. NOTE: the changes for ACI 318-14 include a change in the sign convention for the M_1/M_2 ratio in the Factor Loads entry table.

1460[1] Removed the entry for prestress yield strain, ε_{psy}, from the Materials Information page. Previous versions allowed entry of a value for ε_{psy} that could result in unrealistic stress values. A slight modification to the calculation of stress vs. strain curve now uses a fixed value for ε_{psy}. See the discussion in the Help under Calculation Basics.

1462[1] Added a new Example 2 using a prestressed insulated wall panel.

1464[1] Added a check for $M_{2,min}$, Eq.6.6.4.5.4, and a note in the Moment Magnification table of the report.

1519[1] The note for waiver of the minimum reinforcement requirement for walls when average prestress is greater than 225 psi now references the correct section in ACI 318.

Unresolved issues in V3.2.0

149 Insert/delete from grids with a context menu so user doesn't have to shift everything manually.

310   Add a button to the Toolbar that activates the context sensitive Help.

313   All values that the user can leave at zero so the program will use defaults or calculate a value should be identified on the input pages with something.

379   Add checkboxes that supply default values for the interaction diagrams.

408   There should be a command line option to print a file or maybe some way to batch-print some/all of the files in a folder.

461   Malformed sections (i.e. unrealistic dimensions) can cause the calculations to hang.

560   Add a button to locate warnings in View Results so the user doesn't have to search for them.

839   Calc minimum reinforcement for oversized columns per ACI 318-02 Sect. 10.8.4.

1180   Help should tell the users about the *.ini and *.hst files.

1320   Changing the Display Text Size through Control Panel \ Appearance and Personalization \ Display can upset the scaling of some controls on the InputData form.