

If you are looking for Screen Paver, follow this link: www.screenpaver.com.

The Laminator

Classical Analysis of Composite Laminates

This is a mirror site for The Laminator. You can either use this site or the main Laminator website here: www.thelaminator.net

Go straight to the [download and registration](#) links.
Program support: support@thelaminator.net

What's New - February 10, 2004

Version 3.5 Released

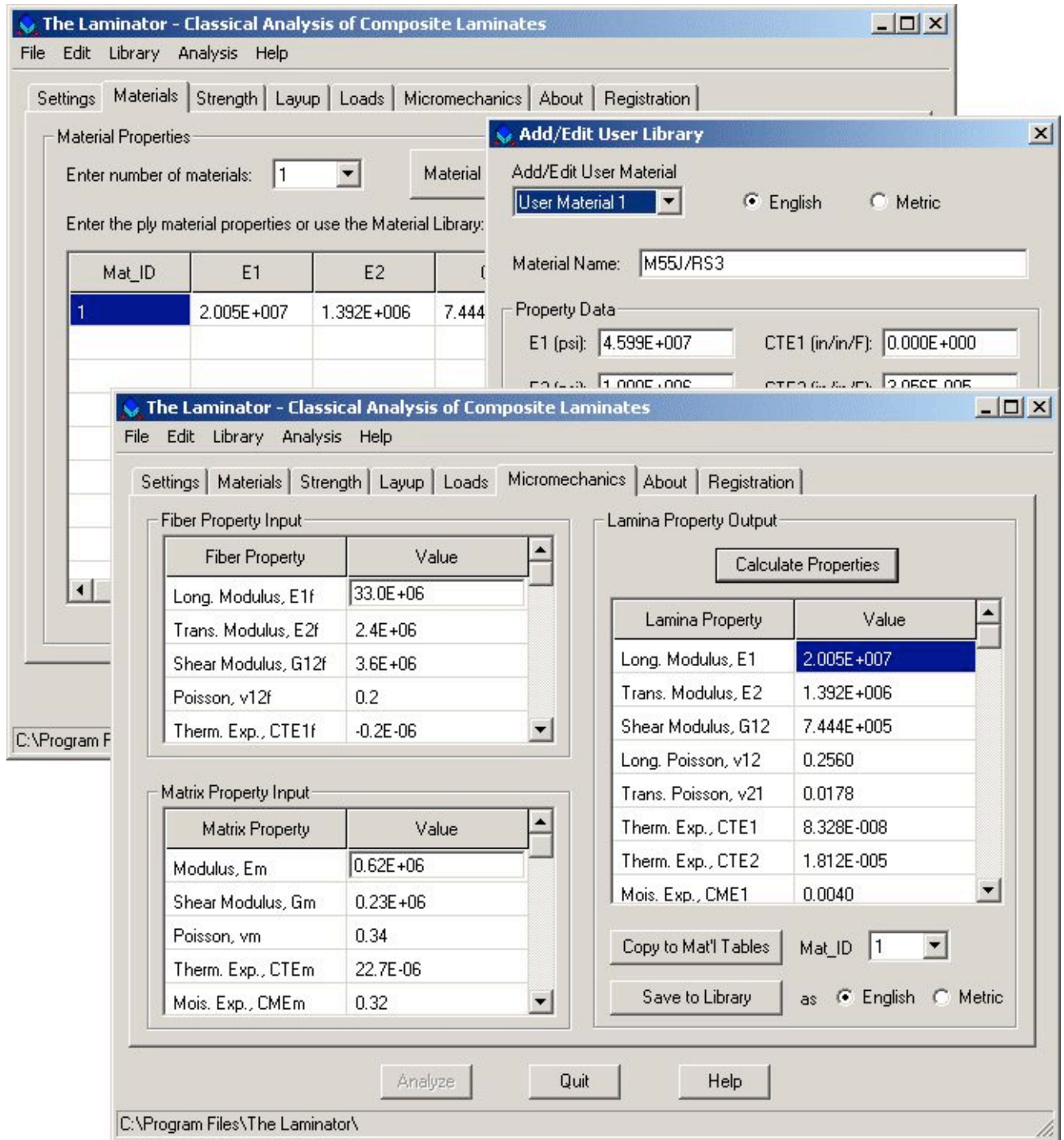
- Added a micromechanics calculator to estimate lamina properties given the fiber and matrix properties that make up the lamina.
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The Laminator is an engineering program written for Windows 95/98/Me/NT4/2000/XP that analyzes laminated composite plates according to classical laminated plate theory. Input consists of ply material properties, material strengths, ply fiber orientation and stacking sequence, mechanical loads and/or strains, and temperature and moisture loads. Output consists of apparent laminate material properties, ply stiffness and compliance matrices, laminate "ABD" matrices, laminate loads and mid-plane strains, ply stresses and strains in global and material axes, and load factors for ply failure based on Maximum Stress, Maximum Strain, Tsai-Hill, Hoffman, and Tsai-Wu failure theories. A micromechanics calculator is also included for estimating lamina properties for given fiber and matrix properties.

This software can be downloaded and evaluated before purchase. It is fully functional except for the following operations: Opening and Saving input files, Printing and Saving output files, and saving User Materials to the library. These features will be enabled once the program has been purchased.

Price: \$29 for single-user license. Multi-user discounts available.

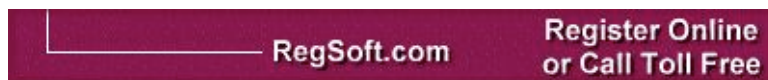
Below is a screen shot of the program, followed by download and registration links.



Download The Laminator here: [The Laminator \(Version 3.5, 1.0 Mb\)](#),

or from an alternate site here: [Alternate Site](#)

and then register The Laminator here:



or, after installation, see the information on the Registration tab, or in the help file, for other registration options.

Composite Materials [Software Review](#) of The Laminator (older version).

For other composite material resources, visit these links:



Composite Materials at composite.about.com.

The Composite Materials Handbook (MIL-HDBK-17) at www.mil17.org

Email: support@thelaminator.net

Another shareware program by the author is [Screen Paver](#), which is a Windows 9x/Me/NT4/2000/XP slide show screen saver that will display an unlimited number of your own jpeg, png, or bitmap images from local and/or network directories. It can also function as a manual slide show.