![SMARTree Software]

Laminate

⊟ ⚪ A Simple Header	Header	
📄 A Text Box	Text	Enter Text Here
✏ Edit Value Text	Value	0.00
✅ My Selection	Select	List Item 1
▦ Edit Table Title	Table	
🕐 A Time Stamp	Date	09:44:39 PM 10/21/2013
📈 A Plot	Plot	Enter Text Here
🔶 A Laminate	Laminate	

Feature	Option
Title	Yes
Editable	Yes
Lockable	Yes
Logic	No
Plot	No
Options	None

Description

A laminate element is used to define a sequence of plies in a composite. Laminate elements data appears in the element editor when clicked.

Details

A laminate element references material input through SMART Tags in the first column. The user can specify which SMART Tag is used to search materials in the user library. The remaining columns of the laminate element include thickness, orientation, delta temperature and delta moisture. Each ply can be active or inactive when doing an laminate analysis to see the effect of ply addition or removal on laminate

response under load. A number of additional
operations are also available that include
"Add", "Delete" "fill", "Invert" or
"Symmetry"