

The Benefits of Katahdin's Energy Envelope System™

- Drastically improved energy efficiency
- Increased occupant comfort
- Ease of electrical rough-in/wiring
- Increased fire rating for the wall
- Responsible use of natural resources (insulation allows use of smaller diameter logs to achieve greater levels of energy performance of larger diameter logs)
- Lower transportation cost than shipping larger diameter logs
- Minimizes the need to protect the inside of the log wall during construction
- Eliminates the need to bleach the inside of the logs so they are visually pleasing
- Allows the use of standard electrical boxes without recessing deeply into the structural logs
- Drastically reduces air leaks (air infiltration and exfiltration)
- Interior cedar T&G boards maintains the look of a thicker solid log wall
- Requires far less overall wall thickness than using larger diameter logs to achieve the same thermal value (thicker walls cut down on the amount of useable floor square footage)
- Allows you to nail temporary bracing, scaffolding, cleats, etc. to the inside of the log wall without worrying about hiding the holes that were left by the fasteners
- Small diameter logs are lighter and easier to handle than large diameter logs
- Interior cedar T&G paneling provides a pristine finished look while the Energy Envelope System covers the natural checking and cracking of the inside of the log wall
- The Energy Envelope System enhances the energy performance of our already high R-value Northern White Cedar logs

