

FEATURING PERDURE TECHNOLOGY

WOOD MOISTURE CONTENT

Thermally modified (TM) jack pine is dryer than western red cedar.

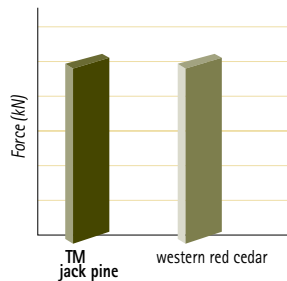
Wood Moisture Content

SPECIES	WOOD MOISTURE CONTENT (%)	
	Average	Standard Deviation
TM jack pine	3.2	0.5
jack pine	9.0	0.7
western red cedar	7.9	0.6

Untreated

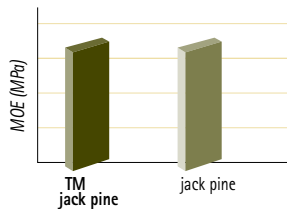
Perdure Treated

SCREW RETENTION POWER



The screw retention power of modified jack pine is equal to the screw retention power of western red cedar.

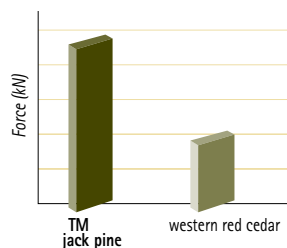
MODULUS OF ELASTICITY



The modulus of elasticity of modified jack pine is the same than untreated jack pine.

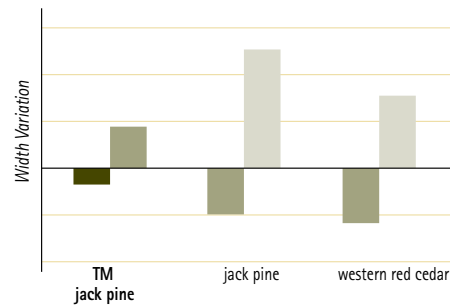
NAIL RETENTION POWER

Force required to pull a nail out of a board.



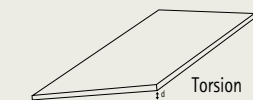
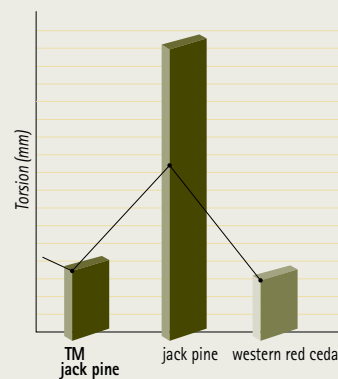
The nail retention power of modified jack pine is markedly superior to the retention power of western red cedar and 44% greater than untreated to jack pine.

SHRINKING/SWELLING

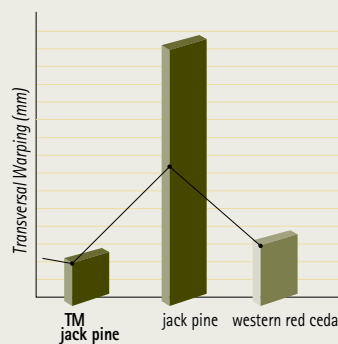


Thermally modified jack pine is more stable than untreated jack pine and western red cedar.

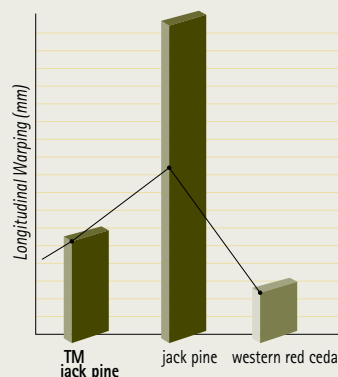
DIMENSIONAL STABILITY



Modified jack pine has a torsion level which is 70% less than untreated jack pine. It is similar to the torsion level of western red cedar wood.



Modified jack pine is 75% less likely to warp than untreated jack pine. Its dimensional stability is superior to the stability of western red cedar wood.



Modified jack pine is over 70% less likely to warp longitudinally than untreated jack pine wood.