

# NAILITE

Test	Description	Hand-Split Shake	RoughSawn Cedar	Cape Cod Perfection	Perfection-Plus Cedar	Scalloped Perfection	Brick and Stone
Panel Dimensions	Overall	41 3/8" w x 18 3/4" h	59 1/4" w x 15" h	43 5/8" w x 15 1/2" h	36 1/8" w x 15" h	59 1/4" w x 15" h	44 1/4" w x 18 5/8" h
	Exposed	40 1/8" w x 17 1/2" h	55 1/2" w x 13" h	38" w x 13 1/2" h	31 5/8" w x 13" h	55 1/2" w x 12" h	39 1/4" w x 17 3/8" h
Thickness	Wall Thickness	0.090"	0.090"	0.090"	0.090"	0.090"	0.090"
Colors	# Available	11	14	8	5	5	6 Brick, 4 Stone
ASTM D-5206-096	Wind Load Test	66.7 PSF 135 mph*	133.3 PSF 190 mph*	133.3 PSF 190 mph*	133.3 PSF 190 mph*	66.7 PSF 135 mph*	66.7 PSF 135 mph*
ASTM D-256	Impact Test	2.98 ft-lbs/in	1.0 ft-lbs/in	1.0 ft-lbs/in	1.0 ft-lbs/in	1.0 ft-lbs/in	1.0 ft-lbs/in
ASTM D-638	Tensile Strength	3910 PSI	2900 PSI	2900 PSI	2900 PSI	2900 PSI	2900 PSI
	Modulus of Elasticity	241,000 PSI	340,000 PSI	340,000 PSI	340,000 PSI	340,000 PSI	340,000 PSI
	Elongation @ Break	160%	260%	260%	260%	260%	260%
ASTM D-648	Deflection Temp Under Flexural Load	144° F	202° F	202° F	202° F	202° F	202° F
ASTM D-696	Linear Thermal Expansion	5/64" per 30° F	1/16" per 30° F	1/16" per 30° F	1/32" per 30° F	1/16" per 30° F	3/64" per 30° F
ASTM D-1929(B)	Min. Self Ignition Temp.	809° F	809° F	809° F	809° F	809° F	809° F
	Min. Flash Ignition Temp.	786° F	786° F	786° F	786° F	786° F	786° F
ASTM D-635	Avg. Burn Time	2.62 minutes	2.62 minutes	2.62 minutes	2.62 minutes	2.62 minutes	2.62 minutes
	Avg. Extent of Burn	4"	4"	4"	4"	4"	4"
	Avg. Burn Rate	1.53 inch/minute	1.53 inch/minute	1.53 inch/minute	1.53 inch/minute	1.53 inch/minute	1.53 inch/minute
ASTM D-2843-93	Smoke Density Rating	6.3%	9.4%	9.4%	9.4%	9.4%	9.4%
ASTM E-84	Flame Spread Index	95	95	95	95	95	95
	Smoke Density	805	805	805	805	805	805

\*Calculations (MPH) are approximate and are based on windload at 20 ft. Windspeeds at other heights may be more or less; consult with your engineer.