

WOLF PORTRAIT™ SIDING

HIGH-DENSITY CELLULAR™ TECHNOLOGY

STANDARD SPECIFICATIONS FOR WOLF PORTRAIT™ SIDING

ITEM	TEST METHOD	REQUIREMENTS	TEST RESULTS (PVC CAP)	TEST RESULTS (STYRENE COPOLYMER COEXTRUDED)
Length	ASTM D3679	within 1/4" of nominal length	Passed, within 1/4"	Passed, within 1/4"
Width	ASTM D3679	within 1/16" of nominal width	Passed, within 1/16"	Passed, within 1/16"
Nail Slot allowance for Thermal Expansion	ASTM D3679	> 1" for siding length > 6'	Passed, nail slot width > 1"	Passed, nail slot width > 1"
Thickness	ASTM D3679	Thickness > 0.035"	Passed, Ave.: 0.1237", Min.: 0.1224"	Passed, Ave.: 0.1957", Min.: 0.1920"
Camber	ASTM D3679	within 1/8"	Passed, within 1/8"	Passed, within 1/8"
Heat Shrinkage	ASTM D3679	< 3.0%	Passed, Ave.: 1.43%	Passed, Ave.: 0.22%
Impact Resistance	ASTM D4226	> 60 in-lbf	Passed, Ave.: 64.0 in-lbf	Passed, Ave.: 169.3 in-lbf
Surface Distortion	ASTM D3679	No bulges, waves, ripples before 120°F was reached	Passed	Passed
Negative Windload Resistance	ASTM D5206 & D3679	> 15.73 lbf/ft ²	Passed, 122.61 lbf/ft ²	Passed, 95.02 lbf/ft ²
Uniformity of Color	ASTM D2244	$\Delta E < 1.5$; $\pm \Delta aH < 1.0$ and $\pm \Delta bH < 1.0$ as compared to standard	Passed, White $\Delta E = 0.43$; $\pm \Delta aH = 0.05$, $\pm \Delta bH = 0.2$	Passed; Arctic White (Lightest) $\Delta E = 0.20$; $\pm \Delta aH = 0.05$, $\pm \Delta bH = 0.03$; Timber Bark (Darkest) $\Delta E = 0.17$; $\pm \Delta aH = 0.00$, $\pm \Delta bH = 0.11$
Gloss	ASTM D3679	Variations: Smooth < 10%; Embossed < 20%	Passed, Embossed < 20%	Passed, Embossed < 20%
Coefficient of Linear Thermal Expansion	ASTM D696	$< 8.1 \times 10^{-5} (^{\circ}C^{-1})$	Passed, $2.1 \times 10^{-5} (^{\circ}F^{-1})$ or $3.7 \times 10^{-5} (^{\circ}C^{-1})$ Passed	Passed, $2.1 \times 10^{-5} (^{\circ}F^{-1})$ or $3.7 \times 10^{-5} (^{\circ}C^{-1})$
Lead Content	ASTM D3679	None	Passed, None	Passed, None
Burn Rate	ASTM D635	Ave. Extent of Burn (AEB) < 4"; Ave. Time of Burn (ATB) < 10 sec.	Passed, AEB = 0, ATB < 1 sec.	Passed, AEB = 0, ATB < 1 sec.
Weathering	ASTM D1435 & G147	Uniform of Color; No peeling, chipping, cracking, flaking & pitting	In Testing (two years)	In Testing (two years)

For more information, please contact your Wolf Sales Consultant or Wolf Customer service at (877) 315.6669
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