Reynoclad®

Hoover™ Architectural Solutions

TECHNICAL DATA SHEET

Reynoclad® Pre-Painted Aluminum Sheets



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Reynoclad® coil-coated aluminum sheets are offered in 0.080", 0.063", 0.059", and 0.039" thickness.

PROPERTY	UNITS	0.080" ALUMINUM SHEET	0.063" ALUMINUM SHEET	0.059" ALUMINUM SHEET	0.039" ALUMINUM SHEET
THICKNESS	in	0.08	0.063	0.059	0.039
	mm	**2.0**	**1.6**	**1.5**	**1.0**
THICKNESS TOLERANCE	in	+/-0.003	+/-0.003	+/-0.003	+/-0.002
	mm	**+/-0.08**	**+/-0.07**	**+/-0.07**	**+/-0.05**
AVAILABLE WIDTH	in	62, 59, 51, 39	62, 59, 51, 39	62, 59, 51, 39	62, 59, 51, 39
	mm	**1575, 1499, 1295, 991**	**1575, 1499, 1295, 991**	**1575, 1499, 1295, 991**	**1575, 1499, 1295, 991**
WIDTH TOLERANCE	in	-0/+0.12	-0/+0.125	+/-0.12	-0/+0.12
	mm	**-0/+3**	**-0/+3**	**+/-3**	**-0/+3**
ALLOYS	N/A	3000 Series	3000 Series	3000 Series	3000 Series
ALLOWABLE BENDING STRESS	lb/in^2	11,500	11,500	11,500	11,500
	MPa	**79.3**	**79.3**	**79.3**	**79.3**
COEFF. OF EXPANSION	in/in/°F	$1.16x10^{-5}$	$1.16x10^{-5}$	$1.16x10^{-5}$	$1.16x10^{-5}$
	mm/mm/°C	**$2.1x10^5$**	**$2.1x10^5$**	**$2.1x10^5$**	**$2.1x10^5$**
STIFFNESS (EI) ASTM C393	$lbf/in^2/in$	431.3	208	172.7	49.9
	MPa-cm2/m	**118.15**	**59.43**	**49.35**	**14.59**
FLEXURAL MODULUS ASTM C393 (E)	lbf/in^2	$1.01x10^7$	$1.01x10^7$	$1.01x10^7$	$1.01x10^7$
	MPa	**$6.95x10^4$**	**$6.95x10^4$**	**$6.95x10^4$**	**$6.95x10^4$**
FINISHES / PERFORMANCE	NA	**Coil-coated** Pretreatment with 2 or 3-coat Meets AAMA 2605 / 2604 / 2603	**Coil-coated** Pretreatment with 2 or 3-coat Meets AAMA 2605 / 2604 / 2603	**Coil-coated** Pretreatment with 2 or 3-coat Meets AAMA 2605 / 2604 / 2603	**Coil-coated** Pretreatment with 2 or 3-coat Meets AAMA 2605 / 2604 / 2603

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Slight variations in color, gloss and texture can occur between different paint production batches. Paint variations within a specific color, especially for mica and metallic colors, can and do occur that are visible to the human eye, but are within industry tolerances.

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