



General Material Properties, Definitions and Usage

Galvanized and Painted Steel Products:

Galvanized steel is steel that is chemically cleaned and plated with zinc to provide corrosion resistance. Steel coils are converted with various amounts of zinc and processed to achieve various degrees of tensile strength (hardness). As the zinc content increases, so will corrosion resistance, and cost. Klauer Mfg. Co. specifies CS Type B hot dipped Galvanized for all raw materials used to manufacture our steel products.

Zinc coating weight specification:

G-40	4/10-ounce zinc/square foot
G-60	6/10-ounce zinc/square foot
G-90	9/10-ounce zinc/square foot

Standard Klauer Gauges and coating weight:

34 Gauge (.010)
32 Gauge (.012)
29 Gauge (.015)
26 Gauge (.020)
24 Gauge (.024)
22 Gauge (.030)
16 Gauge (.060)

- Residential Steel Siding Products Steel Substrate	29 gauge	G60
- Metal Building Panel and Trim Products Steel Substrate	29, 26 gauge	G60, G90
- Style W Formed Valley, Galvanized and Painted	29, 26 gauge	G60
- Std. Roof Edge and Flashings, Galvanized and Painted	29, 26 gauge	G60
- Economy Roof Edges and Flashings, Galvanized and Painted	32 gauge	G40
- Flashing Shingles (Step Flashing), Galvanized and Painted	32 gauge	G40
- "K" Gutter, Downspout, Fittings, Galvanized and Painted	29 gauge	G60
- Economy "K" Gutter, Downspout, Galvanized and Painted	32 gauge	G40
- Heavy Rolls – Galvanized	26 gauge	G60
- Standard Rolls – Galvanized	32 gauge	G40
- Economy Rolls – Galvanized	34 gauge	G40
- Painted Steel Gutter and Trim Coil	29 gauge	G60
- Painted Steel Roofing Coil	26, 29 gauge	G60
- 9"Ridgolators	26 gauge	G60
- Wall Ties	24, 30 Gauge	G60
- Rain Diverter, 7-1/2" and 8", Galvanized and Painted	29 Gauge	G60
- 1-1/4" and 2" Flat Wall Bracing Galvanized	16, 22 Gauge	G60

Aluminum Products:

Bare Aluminum coil utilized to produce building products is naturally corrosive resistant and comes in various thicknesses, alloys and hardness designations.

Standard Klauer Aluminum Specifications:

Bare	5182 H19 Alloy	(.009)
Bare	3004 H19 Alloy	(.012)
Bare	3105 H16 Alloy	(.017)
Painted	3105 H16 Alloy	(.017)
Painted	3105 H14 Alloy	(.021)
Painted	3105 H24 Alloy	(.032)

Standard Klauer Thickness - Aluminum:

Soffit and Accessories	.017
Fascia	.022
Standard Roof Edges, Bare or Painted	.017
Economy Roof Edges, Bare or Painted	.012
Standard Rolls, Bare	.012
Economy Rolls, Bare	.009
Heavy Rolls, Bare	.017
Painted Trim Coil	.017
Flashing Shingles (Step Flashing), Bare or Painted	.012
Base Flashing and Window Cap, Bare or Painted	.012, .017
Wood-Grained Siding Accessories, Painted	.021
Painted Gutter Coil	.032

Standard Warranties for Painted products:

Residential Steel Siding Products	Limited Life Time Warranty
Metal Building Panel and Trim Products	40 Year Warranty
Steel and Aluminum Soffit and Flashing Products	40 Year Warranty

Note: Warranties apply to pre-painted products only.
Bare galvanized and bare aluminum products are not covered by a warranty.