

GALVALUME PLUS STEEL fact sheet

The Proven Solution In Steel For Your Unpainted Roofing And Siding Needs

What is Galvalume Plus™?

Dofasco Galvalume Plus™ is an unpainted steel sheet product that starts with our Galvalume™ substrate and its highly corrosion resistant 55% aluminum - 45 % zinc alloy hot dipped coating. A clear, organic resin coating is applied to both sides of the substrate, using sophisticated reverse roll coaters. Once applied, the coating is then thermally cured.

Dofasco's in-line roll coaters provide precise application of the organic film, assuring uniform film thickness. Because the resin coating is transparent, the standard surface appearance of the Galvalume substrate is unchanged. Galvalume Plus provides a bright, attractive appearance with a fine spangle and gentle sheen.

The application of an organic coating eliminates the need for conventional chemical treatment and vanishing oil. This enhancement offers our customers the following benefits:

- Galvalume Plus is an oil-free product*. The organic coating is designed to pass through a roll-forming operation without applying lubricating oils.
- Galvalume Plus panels are delivered to the job site oil-free, where the resin coating effectively resists fingerprinting and smudging.
- The resin coating is flexible and provides excellent resistance to storage stain.

Galvalume Plus is for Unpainted Applications

The advantages of the resin coating add to the list of reasons why Galvalume is the material of choice for unpainted roofing, siding, construction tubular, and other applications. Galvalume Plus offers strength, superior corrosion resistance, and an attractive bright appearance that provides excellent heat reflectivity. If colour is specified, Dofasco prepainted Galvalume should be used. Dofasco Galvalume coated steel sheet has been available in Canada since 1983 for applications in construction, transportation, appliances, and other manufactured products.

Availability

Dofasco offers a full range of widths, thicknesses, coating weights, and steel grades.

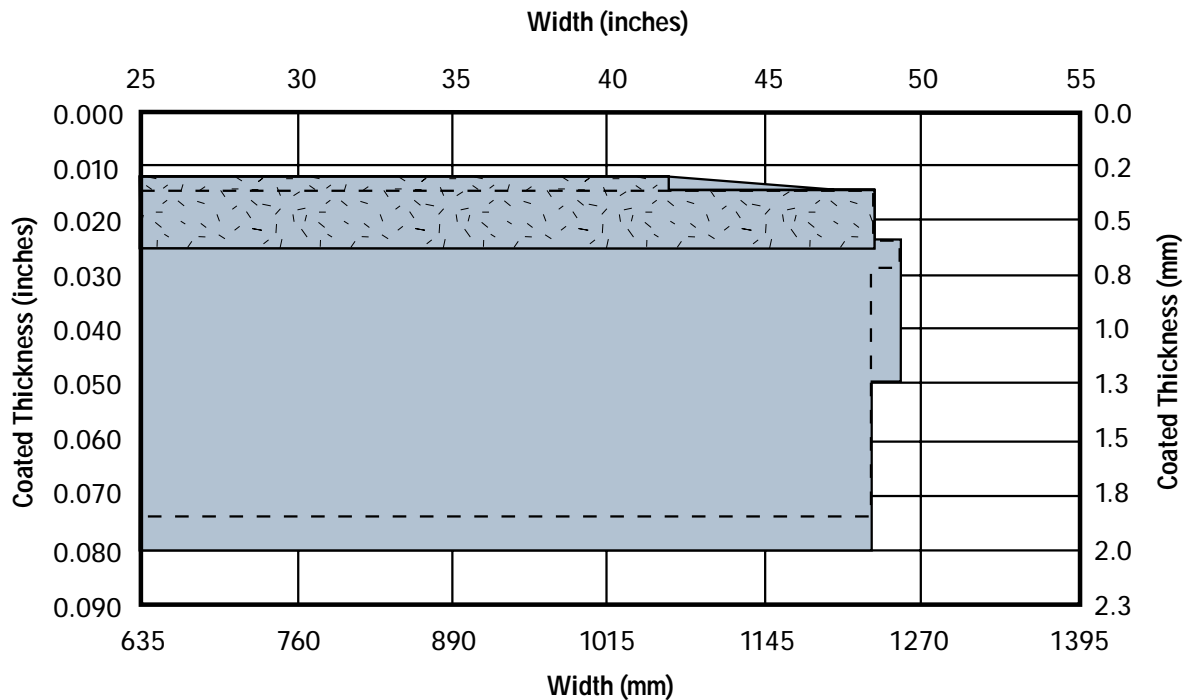
Dofasco's Galvalume Plus capabilities are listed on the back of this bulletin.

Galvalume Plus, Galvalume and Prepainted Galvalume steel sheet can all be ordered directly from Dofasco by calling our Sales Department at

**Dofasco Inc., P.O. Box 2460,
Hamilton, ON L8N 3J5
1-800-DOFASCO
(1-800-363-2726)
www.dofasco.ca**

* Galvalume Plus is designed to roll-formed dry. The addition of any lubricant to Galvalume Plus will result in a slippery surface. Do not oil Galvalume Plus.

Galvalume™ Product Limitations*



LEGEND	Commercial Steel, Special Forming Steel, Structural Steel: Grades 33, 37	Structural Steel: Grades 40, 50	Structural Steel: Grade 80
* These limitations apply for Galvalume™, Galvalume Plus™ and prepainted Galvalume			

Dofasco Galvalume Plus™ Coated Steel Sheet Product Capabilities

Qualities: Commercial Steel (CS) Special Forming Steel (SFS) Structural Steel (SS) Helical Steel Culvert (CSP)	Standard Coating Weights:			
	Metric Coating Designation	Imperial Coating Designation	Minimum Check Limit Triple Spot Test Total Both Sides	
			Metric (grams per square metre)	Imperial (ounces per square foot)
Coated Thickness Range: 0.012 inches to 0.080 inches (0.3 mm to 2.0 mm)	AZM150	AZ50	150	0.50
	AZM165	AZ55	165	0.55
	AZM180	AZ60	180	0.60
	AZM210	AZ70	210	0.70
Please inquire for coating specifications not listed above				
Width: Up to 49.5 inches (1257 mm)	Surface Treatment: Unoiled, clear resin passivation coating. (Eliminates need for conventional chemical treatment and vanishing oil.)			

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DOFASCO
Our product is steel. Our strength is people.
Solutions In Steel™