



# Galvalume Plus™ Steel Fact Sheet

## The Proven Solution in Steel for Your Unpainted Roofing and Siding Needs

### What is Galvalume Plus™?

ArcelorMittal 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.

The use of online or offline 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 adds 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 color is specified, ArcelorMittal prepainted Galvalume should be used. ArcelorMittal's Galvalume coated steel sheet is available for applications in construction, transportation, appliances, and other manufactured products.

### Availability

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

ArcelorMittal'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 ArcelorMittal USA or Canada by contacting our Sales Departments at

ArcelorMittal USA  
1 South Dearborn St.  
Chicago, IL 60603  
USA  
1-800-422-9422 or  
constructioninquiries@arcelormittal.com

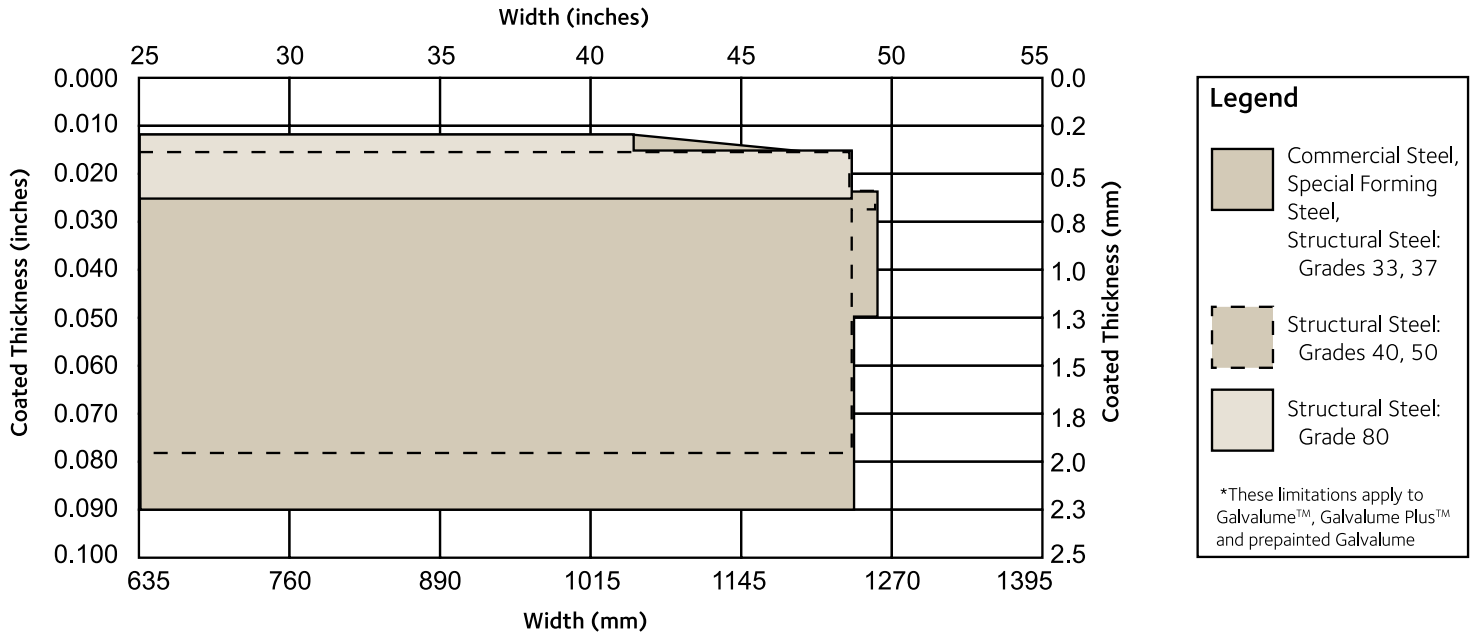
ArcelorMittal Dofasco  
P.O. Box 2460  
Hamilton, ON L8N 3J5  
Canada  
1-800-363-2726 or  
customer-inquiries.dofasco@arcelormittal.com

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

**GALVALUME** PLUS  
STEEL



## Galvalume™ Product Limitations\*



## ArcelorMittal Galvalume Plus™ Coated Steel Sheet Product Capabilities

<b>Qualities:</b> Commercial Steel (CS) Special Forming Steel (SFS) Structural Steel (SS) Helical Steel Culvert (CSP)	<b>Standard Coating Weights</b>			
	Metric Coating Designation	Imperial Coating Designation	Minimum Check Limit Triple Spot Test Total Both Sides	
			Metric (grams per square meter)	Imperial (ounces per square foot)
<b>Coated Thickness Range:</b> 0.012 inches to 0.090 inches (0.30 mm to 2.28 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.				
<b>Width:</b> Up to 49.5 inches (1257 mm)	<b>Surface Treatment:</b> Unoiled, clear resin passivation coating (eliminates need for conventional chemical treatment and vanishing oil)			

TM - ArcelorMittal (Logo/Slogan) is a trademark of ArcelorMittal.  
 TM - Solutions in Steel is a trademark of ArcelorMittal Dofasco.  
 TM - Galvalume and Galvalume Plus are trademarks of ArcelorMittal in Canada, and are trademarks of BIEC International Inc. in the United States.

**ArcelorMittal Dofasco**  
 P.O. Box 2460  
 Hamilton, ON L8N 3J5  
 Canada

**t** 1-800-363-2726  
**e** customer-inquiries.dofasco@arcelormittal.com

**ArcelorMittal USA**  
 1 South Dearborn St.  
 Chicago, IL 60603  
 USA

**t** 1-800-422-9422  
**e** constructioninquiries@arcelormittal.com

www.arcelormittal.com