

The Future of Battling the Elements

ZMAG™ coated steel is U. S. Steel's newest product in the fight against corrosion. This coated carbon flat-rolled steel is specially engineered to be stronger, more resilient, and more sustainable than any other coated steel in North America.

IMPROVED CHEMISTRY BEATS THE COMPETITION

U. S. Steel's engineers discovered the optimal chemistry for a zinc-magnesium-aluminum coating. ZMAG coated steel balances corrosion resistance with coating ductility. The chemistry resists the cracking of the coating during forming and folding better than competitor chemistries with higher concentrations.

A RESILIENT, COST-EFFECTIVE ALTERNATIVE TO ALUMINUM

ZMAG coated steel provides superior corrosion resistance and longevity, which can result in cost savings over the lifecycle of the product, especially in challenging environments where maintenance costs are high.

APPLICATIONS INCLUDE:



Solar frames & racking systems



Agriculture buildings



Construction



Roofing



Road infrastructure



Automotive

Visit

uss.com/usszmag or contact ZMAG@uss.com for more information and pricing

ZMAG COATING COMPOSITION



2.1% magnesium

2.3% aluminum

KEY BENEFITS

Up to 5x more

corrosion resistant than galvanized steel

Greater tensile & yield strength

compared to aluminum

Self-healing

on cut edges

Abrasion resistant

to extend the life of the product

Formability

without compromising its protective coating

Sustainably made

with verdeX™ steel containing up to 90% recycled steel content



MEET YOUR SUSTAINABILITY GOALS

ZMAG™ coated verdeX® steel is available to enable your sustainability goals. Produced using electric arc furnaces at Big River Steel, verdeX sustainable steel contains up to 90% recycled content and can reduce manufacturing and CO2 emissions by up to 75%.

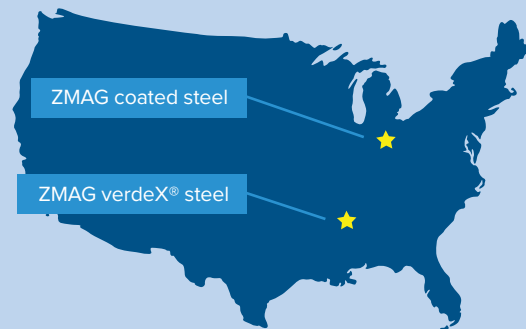
GRADES, GAUGES AND WIDTHS

ZMAG coated steel is available in a wide range of steel grades, from the most mild grades to advanced high-strength steel grades.

Min gauge	0.6 mm	0.024 in
Max gauge	2.6 mm	0.102 in
Min width	863.6 mm	34.00 in
Max width	1670 mm	65.75 in

**MINED★MELTED★MADE
IN AMERICA**

U. S. STEEL IS COMMITTED TO A STRONG,
RESILIENT DOMESTIC SUPPLY CHAIN.



QUALITY STANDARDS

ASTM A1046 Type 4

WARRANTY

- Industry leading 25-year corrosion warranty
- Coverage up to and including C4 environments
- Contact your U. S. Steel representative for additional warranty details

CCT RESULTS AFTER 960 HOURS

