



ZINCALUME®

ZINCALUME is a revolutionary metallic coated steel manufactured by Steelscape which provides unmatched durability and corrosion performance. Known by the trade name Galvalume®, this coating consists of an optimized 55% Aluminum-Zinc metallic coating over steel which offers up to a 60 year service life in exterior applications. ZINCALUME can be readily formed into a variety of end products and is commonly used as a material of choice for metal roof and wall products, enabling building designers to build once and roof once.

ZINCALUME is produced in accordance with the strict guidelines of the Zinc Aluminum Coaters Association which outlines a scientifically perfected application process, maximizing corrosion performance and product quality. The reassurance offered by Steelscape's ZINCALUME is supported by a limited corrosion warranty..

Steelscape offers ZINCALUME bare, or in an endless array of colors, finishes and textures, providing ultimate design freedom. ZINCALUME steel is proudly produced in Steelscape's Rancho Cucamonga California facility, which includes ZINCALUME coating and painting capabilities in the one location, facilitating exceptional product quality management and coating flexibility.

ZINCALUME® Plus

A clear odorless resin applied to ZINCALUME provides a surface that is easy to form and handle. ZINCALUME Plus forms an excellent finish for green building applications such as LEED and Living Building Challenge. ZINCALUME is Red List Free and offers a high three-year aged Solar Reflectance Index Value, meaning it reflects heat from the sun efficiently, reducing structure cooling costs.

The resin naturally and evenly dissipates over a period of 12-18 months (when left unpainted) without powdering, peeling, or cracking. When installed outdoors, ZINCALUME will take on a natural patina and the finish will dull as it ages. This does not impact the integrity or performance of the material. This finish is optimized for product manufacturers as it minimizes the need for additional lubricants, resists scuff marks and fingerprints, allows for field painting without primer in most cases and protects the steel during storage and installation.



Benefits Overview

ZINCALUME

- Superior corrosion performance
- Smooth, uniform spangled finish
- Long lasting service life (2-4x that of galvanized steel)
- Limited corrosion warranty
- Flexibility to be painted in a wide range of colors and finishes
- Superior quality and consistency from Steelscape’s ZAC licensed, advanced application process
- Distinctive visual appeal
- Environmentally responsible
- Excellent lubricating qualities, reducing or eliminating the need for additional lubricants and roll cleaning
- Resists scuff marks and fingerprints
- Minimizes wet stack storage stain
- Developed so product formers can transition from bare to painted without downtime
- Allows for easy field painting without primer in most cases (with water-based paints)

Additional Benefits to ZINCALUME Plus

Performance Qualities

Max Input Coil Weight:	55,000 #
Max Output Coil Weight:	44,000 #
Thickness:	0.0120" – 0.0356" *
Width:	26" – 50"
Coatings:	Resin / Oil / Passivant (Std or RoHS) / Paint
Entry OD / ID:	79" max / 20" +/- 0.25
Delivery OD/ID:	76" max / 20" +/- 0.25
Coatings:	AZ50, AZ55, AZ60 **
Manufacturing Location:	Rancho Cucamonga, CA.

* 0.0300" thickness & greater is considered non-surface critical for some product grades & end-uses, both bare and painted. Inquire with a Steelscape Sales Representative for further review.

** For heavier coating weights inquire with a Steelscape Sales Representative.

Interested to find out more about the development and advantages of ZINCALUME?
Ask us about our Introduction to ZINCALUME educational course.

**Want to see the color and design options available on ZINCALUME?
Visit Steelscape.com to request a product sample today.**