

STEEL BUILDING SOLUTIONS

WE MAKE BUILDING EASY



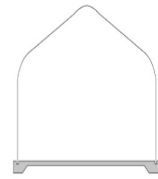
Intersystems Inc.

www.intersystems-rl.com
info@intersystems-rl.com



ECONOSPAN

STEEL BUILDING



ECONOSPAN
Sizes Available
20'-40' wide
with varying heights



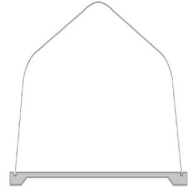
THE S-SERIES

STEEL BUILDING



THE ALPINE

STEEL BUILDING



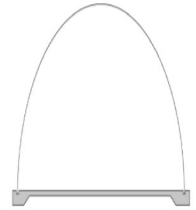
THE ALPINE

Sizes Available
20'-50' wide
with varying heights



ARCH STYLE

STEEL BUILDING



ARCH STYLE

Sizes Available
19'-100' wide
with varying heights





Intersystems Jordan

CUSTOMIZED

STEEL BUILDINGS







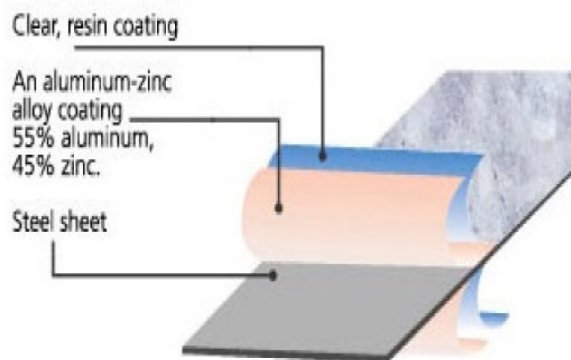






Galvalume Plus™

What is Galvalume Plus™ ?



Galvalume Plus™ is an aluminum-zinc coated steel that provides extra corrosion protection. The cost of Galvalume Plus is about the same as that of galvanized steel.

Galvalume Plus offers the best qualities of aluminum-coated (aluminized) and zinc-coated (galvanized) steels. It has barrier corrosion resistance and heat resistance similar to aluminized and good bare edge galvanic protection and forming qualities like galvanized. So, Galvalume Plus will resist rust, the elements and fire while providing a sturdy and protective covering.

Galvalume Plus offers these advantages over galvanized at no extra cost on a per square foot basis:

- At least twice the corrosion resistance of traditional galvanized coatings of similar thickness under the same exposure conditions
- Excellent protection at cut edges
- Exceptional heat reflectivity, resulting in lower energy load on buildings and improved interior comfort
- A distinctive appearance, with a smooth, fine spangle and silvery metallic finish
- High temperature resistance

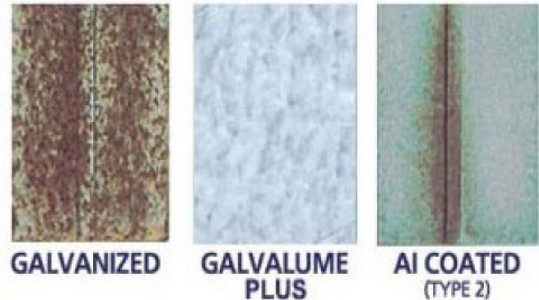
Currently, uses for Galvalume Plus include car mufflers, standing seam roofing, tubing for fences, greenhouses, steel buildings and much more.

Corrosion Resistance

Galvalume Plus™, by virtue of its combined protection of aluminum and zinc, has at least twice the service life, in most atmospheric environments, of conventional galvanized steel with the same coating thickness.

In a series of exposure tests performed over a 13-year period by Bethlehem Steel, Galvalume Plus coated steel was found to outlast galvanized by:

- Four times in exposure tests in a severe marine environment
- Twice as long in a less severe marine location
- Six times longer in industrial environments
- Three times longer in rural situations



High Temperature Performance



(1250°F).

Galvalume Plus™ steel resists intermediate and high temperatures far more effectively than galvanized steel.

Specifically, Galvalume Plus steel shows no discoloration up to 315°C (600°F) during continuous or intermittent exposure over a prolonged period. Above this temperature, some discoloration does occur and roughening of the surface is possible. Neither this discoloration nor roughening, however, reduces Galvalume Plus's resistance to rust. Galvalume Plus maintains its rust-resistance up to 675°C

Additionally, Galvalume Plus has excellent heat reflectivity, up to operating temperatures of about 315°C (600°F). This heat reflectivity makes a building cooler inside on hot, sunny days.

Painting Galvalume Plus™

Galvalume Plus readily accepts most of the paints recommended for galvanized steel. The surface should be dry and free of oil, grease, dirt, dust and other contaminants. No weathering period is necessary.

The following suggestions of paint types should be used only as a guideline. Specific paints and recommendations should be discussed with paint suppliers.

A paint supplier should be consulted to select the most appropriate painting system and to ensure compatibility of primer and topcoat.

