

Duncan Galvanizing, recognized as the leader in protective coatings since 1890, is pleased to introduce our new coating systems to the architectural, engineering and specification community. We provide state-of-the-art galvanizing and high-tech finishes for ALL types of metal fabrications.

Our processes will solve corrosion and aesthetic problems for all facets of the built environment. No longer are we limited to the exterior galvanized steel market. We can now assist you with interior applications and non-steel fabrications. After years of research and development, we can now offer solutions that no one else can provide. It is our goal to be your full-service coatings company.

What is DURAGALV®?

Duragalv® is enhanced hot dip galvanizing for today's steel. A unique blend of special high grade zinc, nickel, and other earthly metals combined with processing systems to maximize the aesthetic of the steel product, makes Duragalv® an ideal choice for decades of corrosion protection AND long-lasting good looks.

Duragalv® uses a series of alloying elements designed to increase the toughness of the coating. It is harder than typical galvanizing. The alloys on the surface include more iron which makes the coating harder than the base steel. In some cases it is 200% harder than the steel being coated. This hardness provides greater durability.

What is DUNCAN COLORSHIELD?

Colorshield is a thin, translucent polymer coating that is offered in about 10 colors. Essentially, it is a "stain" for galvanized steel. It is a coating that allows some of the spangle of the zinc to show through. This is an ideal application where the project calls for a hint of color yet allows the "industrial" aesthetic of galvanizing to be seen. Applications might include structural columns, parking garages, or any application where the client wants a touch of color without the cost of a high performance coating system.

What is PRIMERGALV®?

Primergalv® is a factory applied universal primer for freshly galvanized steel, "black steel" or aluminum which is to receive a field applied topcoat. This process guarantees a tenacious bond between the metal substrate and the prime coat and eliminates virtually all the problems associated with field-painting. It is the ideal process for those projects that are "fast-tracking" yet have not made a color selection or where field welding is anticipated and the client does not want to touch-up a factory finished product.

What is COLORGALV®?

Colorgalv® is a factory-applied high performance architectural color finish for hot dip galvanized steel and has been issued U.S. Patent #5641543. It is a process that is available in any color and warranted for twenty years. Since the mid 1960's, Colorgalv® has been providing the architectural and engineering community with a long lasting system that blends corrosion protection with the aesthetics of color. If desired, (and to protect the hue and brightness of the topcoat color), Colorgalv® is available with Duncan's Clearcoat® finish.

What is DUNCAN THERMOSET® and DUNCAN COLORGALV THERMOSET®?

Duncan Thermoset®, a high performance, dry applied thermosetting based material, is designed for a wide range of applications. It can be applied over galvanized steel or "black" (uncoated) steel. Where a heat cured product is desired but a thin coat of a harder coating is needed to allow for architectural definition, Duncan Thermoset® is the right material.

When the Duncan Thermoset® material is applied, the entire system is "high heat cured" to provide an extremely durable finish. Both first and second coats will cure together to provide a thinner but very hard coating system. With Duncan Thermoset®, the color range is virtually unlimited. Even small jobs can be given special colors.

You might want to use the process for stairs, railings or other decorative applications. How about ornamental site furniture, planters or virtually any other item INSIDE or OUTSIDE a building or house. Did you know that this is the same coating and process that is used to protect high end custom car wheels? Now that's a durable coating! This same coating is now available from Duncan. Any painted metal is a potential Duncan Thermoset® product.