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Hot dip galvanizing or HDG method is one of the most advanced methods of galvanizing used by the galvanizer companies. Besides, it is also a widely used procedure to protect the steel made or iron made metal surfaces from the corrosion. In this method used by the galvanizers, a four layered zinc coating is created electrochemically on a metal surface. Therefore, the iron or steel base is moved across the molten bath of zinc at the temperature of 460°C. It allows the zinc to create a bond with the iron or steel base at any molecular level.

Additionally, as per the hot dip galvanizing consultant companies; the galvanized coating covers the total surface quite easily, including all the scratched, joints and the holes. Due to its effectiveness and the corrosion resistant properties; nowadays, the hot dip galvanizing process is used widely used in the numerous applications starting from the handrails, automotive body parts, and consumer appliances to walling and roofing. Besides, this HDG method is also used to shield the exterior panels as well as the automotive parts. Usually, this kind of galvanized strips made by various galvanizer companies are used in the cooling and heating duct systems in the buildings as well as in the metal pails.

As per the galvanizer consultant companies, it is completely recyclable with the less energy needed to process this galvanizing method for using to protect the corrosion. So, it can be used as the ultimate material by the galvanizers in order to protect the structures of the parks, airports and the waterways of the various countries and states. Here, in this article, we have put together several advantages of this HDG procedure over the other methods of galvanizing. Read along to know more:

• According to the hot dip galvanizing consultant companies, this method of galvanizing offers the advantage of having low initial costs over the other techniques of corrosion protection. Besides, this process also includes lesser labor intensive while comparing to the other procedures.

• The coatings of this process enjoy the expectancy of a much higher life of around 40 years and more even in the severe urban and coastal environments. Additionally, this kind of performance and life expectancy of this process are also easily predictable.

• In some rare cases, the process of hot dip galvanizing includes a higher initial charge, but then also it is much more cost effective than the other methods of galvanizing as it is more durable along with the little maintenance requirements. As this method provides superior resistance to the mechanical and water damage as well as the abrasion damage during erection, service and transportation.

• Another important advantage of this method is that it is quite straightforward, closely controllable and simple. Besides, all the coating thicknesses are predictable, easily specifiable and regular. All these features enable this method to be precise during design and usage.

Prashant Galvanizers is one of the reputable galvanizer consultant companies in India who also specializes in the hot dip galvanizing methods.

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Prashant Galvanizer, India's Leading Consultant, Supplier of Hot Dip Galvanizing. We supply Online Flux Filter System that eliminates production downtime. It eliminates or reduces iron content to a minimum in the flux solution which reduces Dross formation in Zinc bath. <http://galvanizers.co.in>

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