



international zinc association

( Keynote presentation, about 30 minutes)

**Title.** Hot-Dip Galvanizing: A proven, superior coating method for steel corrosion prevention

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### **Abstract**

Hot -Dip Galvanizing is the process of applying a zinc coating to structural steel by immersion of the steel into molten zinc metal. The process has a long history of worldwide usage due to the recognition of its unique benefits. Significantly, the galvanized coating is very durable which ensures long-lasting corrosion protection. Furthermore, Hot- Dip Galvanizing provides cost-effective corrosion protection and has been demonstrated to be an environmentally acceptable coating method. As such, the use of galvanized steel can significantly assist in achieving the aim of sustainable construction practices that are being adopted globally. This Paper provides a basic description of the coating process and then discusses its unique advantages followed by an overview of the use of galvanized steel in infrastructure development and other construction activities.

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