



international zinc association

(presentation duration about 20 minutes)

Title: The durability of Hot-Dip Galvanized coatings and its significance for corrosion protection service life expectancies

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Abstract:

It is widely recognized and accepted that a zinc coating on steel, when applied using the Hot-Dip Galvanizing process, is a very durable coating which ensures long-lasting corrosion protection to the steel surface. The superior durability of the hot-dip galvanized coating is due to a combination of several very effective corrosion protection mechanisms and the coating's unique metallurgical properties. These aspects are covered in this Paper, which also provides details of the typical corrosion protection service life expectancy of galvanized coatings exposed to different atmospheric corrosivity conditions.