

What is thermal spray zinc & duplex zinc coating?

IZA offers free webinars on the latest advances of thermal spray zinc and duplex zinc coatings for corrosion protection of steel. What is Thermal Spraying? Metallizing, or thermal spraying, is a process by which a material wire or powder is fed into a spray gun and then melted and sprayed onto a work piece.

What is thermally sprayed zinc?

Enhanced Coating Thickness and Texture: Thermally sprayed zinc coatings can be applied with a greater thickness of up to 250 microns, surpassing the limits of HDG. The textured finish of thermally sprayed zinc serves as an excellent base for paint coats without the need for additional etch priming, ensuring a smooth and durable surface.

Are thermally sprayed zinc coatings better than HDG coatings?

However, the emergence of thermally sprayed zinc coatings as a superior alternative is gaining momentum, particularly in aggressive environments. In this blog post, we will explore the wide range of benefits for zinc thermal spraying compared to HDG.

What is a sprayed zinc coating?

Sprayed coatings of pure zinc have been available since the 1920's and are typically applied with a thickness of 100 microns or more. If not further coated, the pure zinc coating will form a stable, passive film of zinc corrosion products with a predictable weathering rate.

Why is thermally sprayed zinc a high-performance anti-corrosive protection system?

From increased coating thickness and textured finishes to reduced environmental impact and enhanced safety, thermally sprayed zinc proves to be a high-performance anti-corrosive protection system. Join us as we delve into the advantages that make thermally sprayed zinc a prestigious choice.

Is thermally sprayed zinc a good alternative to hot dip galvanising?

In the quest for superior corrosion protection, thermally sprayed zinc has emerged as a prestigious alternative to Hot Dip Galvanising. With benefits ranging from increased coating thickness and textured finishes to improved sustainability and enhanced safety, thermally sprayed zinc provides an exceptional solution for diverse applications.

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