



# ISO 8179-1 ARC Spray Zinc by Metalizing

*Zinc has been used to effectively eliminate corrosion in iron pipe for more than 50 years*



## Application

C&B Piping provides ZINC metalizing in accordance with the International Standard.

*ISO 8179-1 2017*

*Ductile iron pipes, fittings, accessories and their joints—External Zinc based coating Part 1: Metallic Zinc with finishing layer.*

Metallic zinc coating on ductile iron pipe is applied using an arc spray process in which metallic zinc is heated to a molten state and projected in small droplets by spray gun onto the surface of the pipe/fitting. In the arc spray system, two high purity zinc wires are brought together under a high electrical potential which results in the wires

being melted at the point of contact. The molten zinc droplets are then propelled to the surface by clean compressed atomizing air providing an active inner layer of 200 g/m<sup>2</sup> of pure metallic zinc under an asphaltic topcoat.