

Hot-Dip Aluminum-Zinc Alloy Coated Steel Coil

Steel coils are coated with an alloy of aluminum, zinc, and silicon using a continuous hot-dip process. The resulting material provides a combination of barrier and sacrificial protection against corrosion, making it suitable for various applications.



Product Overview

High-Performance Coated Steel

This hot-dip aluminum-zinc alloy coated steel coil is engineered for exceptional durability and long-term weathering resistance. By combining the barrier protection of aluminum with the sacrificial protection of zinc, it offers a superior alternative to standard galvanized steel. It is highly versatile, providing excellent formability and weldability for diverse applications including roofing, siding, and home appliances.

Material Composition

Coating Composition

55 % Aluminum	43.4 % Zinc	1.6 % Silicon
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Technical Characteristics

Manufacturing Process	Continuous hot-dip coating
Key Properties	Corrosion Resistant, Excellent Formability, Weldable, Weather Resistant

Applications

Common Applications

- Roofing
- Siding
- Home Appliances