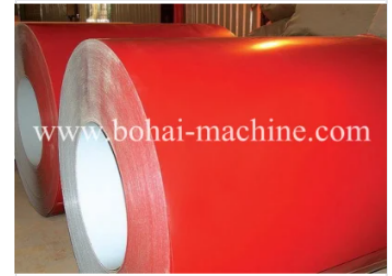


Color Coated Steel Sheet Coils

Color coated steel sheet coils provide a durable and aesthetically pleasing solution for various applications. These coils offer excellent corrosion resistance and are available in a range of colors and thicknesses.

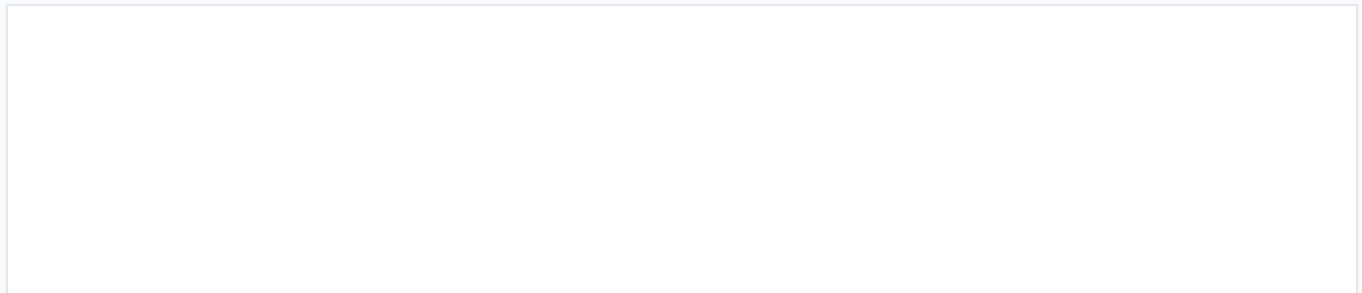


Product Overview

High-Performance Color Coated Steel Coils

These color coated steel sheet coils are engineered for demanding construction and manufacturing applications, offering a perfect balance of durability and aesthetic appeal. Available in a variety of colors including Blue, White, Silver, Green, and Red, they provide excellent corrosion resistance suitable for low to high corrosive environments. With high tensile strength and precise thickness options, these coils are ideal for roofing, cladding, and structural components.

Technical Specifications



Comprehensive technical data including material properties, chemical composition, and mechanical strength for various coating environments.

Material Properties

Property	Value
Elasticity Modulus (E)	206 x 10 ³ N/mm ²
Shear Modulus (G)	79 x 10 ³ N/mm ²
Mass Density	7850 Kg/m ³
Coefficient of Linear Expansion	12 x 10 ⁻⁶ per 1°C
Coat Thickness	22 - 25 um

Chemical Composition (x10²)

Element	Value
Carbon (C)	7
Manganese (Mn)	87-89
Phosphorus (P)	13-14
Sulfur (S)	6

Coating Options

HDG (Hot-Dip Galvanized), Hot-Dip Al-Zn

Dimensions & Capacity

Physical Dimensions

- Thickness: 0.5mm - 1.5mm
- Feeding Width: 914mm
- Available Widths: 914mm, 1000mm, 1200mm, 1250mm
- Effective Width: 610mm
- Groove Depth: 203mm

Available Colors

Blue • White • Silver • Green • Red

Mechanical Performance

Strength Metrics

470 MPa

Max Yield Strength

523 MPa

Max Tensile Strength

22 %

Max Elongation

Machinery & Processing

Processing Speeds

Operation	Speed
Straight Sheet	15 m/min
Arch Sheet	13 m/min
Sewing	16 m/min

Equipment Specifications

- Total Motor Power: 17.9KW
- Control System: PLC & Manual
- Cutting Blade Material: Cr12 MoV
- Roller Material: 45# steel, quenched with hard chrome
- Roller Shaft Material: 45# steel, galvanized
- Steps of Rollers: 14 steps