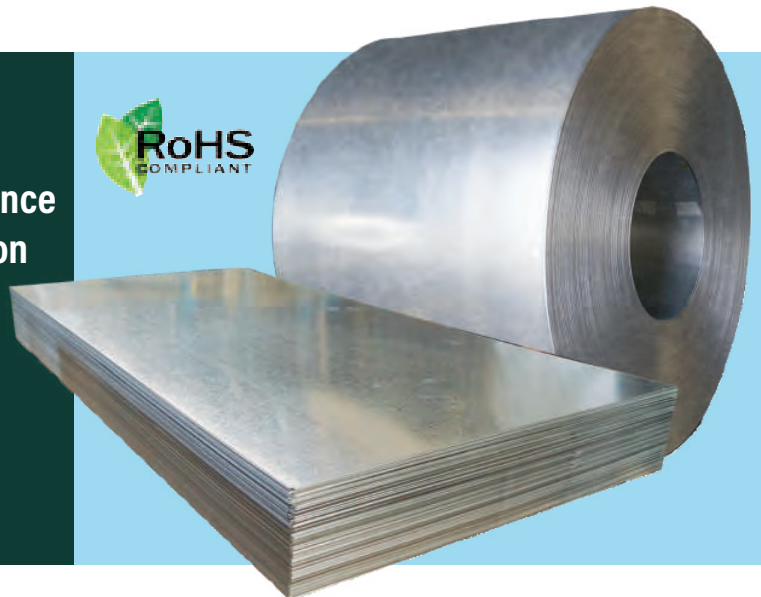


GENERAL DESCRIPTION

MOGALVIN COLORED THIN ORGANIC COATING (CTOC) A special thin layer of coating combines polymers and inorganic compounds coated on Mogalvin – A Galvanized product of UNICOIL that is continuously coated steel on both sides with Zinc; Colored Thin Organic Coating provides highly advanced properties, such as improved formability, corrosion resistance and paintability, apart from protection during storage and transportation. Available with special surface finishes, tailored for specific applications, and in a variety of base metal grades and coating weights. It is widely used in many applications in the construction, HVAC, Appliance, Automotive and other industries.

Special Advantages

- Provides 3 times better corrosion resistance
- Good Lubricity - Lower Quotient of Friction
- Improves Formability
- Anti-Finger Print Surface
- Paintable
- Weldable
- ROHS Compliant



SPECIFICATION N.	DESCRIPTION	GRADES
SASO-ASTM A653/A653M	Standard Specification for Steel Sheet, Zinc Coated (Galvanized) or Zinc Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process	CS-Type A, B, C FS Type A, B
ASTM A653/A653M	Standard Specification for Steel Sheet, Zinc Coated (Galvanized) or Zinc Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process	SS33, SS37, SS40, SS50, SS55, SS60 & SS80FS Type A, B
EN 10346	Continuously hot-dip coated steel flat products for cold forming – Technical delivery conditions	DX51D, DX52D S220GD, S250GD, S280GD, S320GD, S350GD, S390GD, S420GD & S550GD
JIS G 3302	Hot-Dip Zinc-Coated steel sheet and strip	SGCC, SGCD1, SGC340, S GC400, SGC440 & SGC570
AS 1397	Continuous Hot-Dip Metallic coated steel sheet and Strip - Coatings of Zinc and Zinc alloyed with Aluminum and Magnesium	G250, G300, G350, G450, G550



TECHNICAL DATA SHEET

TOLERANCE ON NOMINAL THICKNESS

THICKNESS(mm)	ASTM	½ ASTM
0.20 – 0.40	± 0.040	± 0.020
0.401 -1.00	± 0.050	± 0.025
1.01-1.50	± 0.065	± 0.033

Note: Restricted or customized thickness tolerances can be offered on request.

PRODUCT FEATURES

	COILS	SLIT COILS	CUT SHEETS
THICKNESS(TCT - mm)	0.30 – 1.20	0.30 – 1.20	0.30 – 1.20
WIDTH (mm)	700 to 1,250	24 mm Min	700 to 1,250
ZINC COATING (GSM)	40 to 400	40 to 400	40 to 400
SPANGLES	Regular spangle / Minimized Spangles (with Skin Passed)	Regular spangle / Minimized Spangles (with Skin Passed)	Regular spangle / Minimized Spangles (with Skin Passed)
PASSIVATION	Thin Organic Coating (Coloured)	Thin Organic Coating (Coloured)	Thin Organic Coating (Coloured)
COIL ID (mm)	508 (610 optional)	508	Not Applicable
LENGTH (mm)	Not Applicable	Not Applicable	500 - 4,000
COIL WEIGHT / PALLET WEIGHT (Kgs)	3,000 – 8,000	3kg/mm to 8kg/mm of Width	3,000 Max

NOTES:

- Minimum zinc coating mass of 40 to 400 gsm available for thickness above 0.30 mm thickness.
- (Zinc Coating of less than 60 gsm available for standards other than SASO ASTM)
- TCT – Total Coated Thickness (Steel thickness + Zinc coating thickness)

