

GENERAL DESCRIPTION

MOGALVIN THIN ORGANIC COATING (TOC) 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 a zinc 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.

Widely used in many applications in the construction, HVAC, Appliance, Automotive and other industries.

GRADES

- **Commercial Steel :**
CS Type A,B, C
- **Forming Steel :**
FS Type A & B
- **Structural Steel :**
(SS33, SS37, SS40, SS50 class 1, 2, 3 & 4 and SS80)

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 NO.	DESCRIPTION
ASTM A653	Hot Dip Galvanized Steel
ASTM A924	General Requirements and Tolerances
EN 10346	Hot Dip Galvanized Steel
JIS G 3302	Hot Dip Galvanized Steel



TOLERANCE ON NOMINAL THICKNESS

THICKNESS (MM)	ASTM	½ ASTM
0.25 -0.40	± 0.040	± 0.020
0.401 -1.00	± 0.050	± 0.025
1.01-1 50	± 0.065	± 0.033

PRODUCT FEATURES

	COILS	SLIT COILS	CUT SHEETS
THICKNESS (mm)	0.25 - 1.20	0.40 - 1.20	0.30 - 1.20
WIDTH (mm)	1000 to 1250	45mm Min	600 - 1250
ZINC COATING (GSM)	45 to 350 (total both sides)	45 to 350 (total both sides)	45 to 350 (total both sides)
SPANGLES	Regular / Minimized spangles (Skin Passed)	Regular / Minimized spangles (Skin Passed)	Regular / Minimized spangles (Skin Passed)
PASSIVATION	TOC	TOC	TOC
COIL ID (mm)	508 (610 optional)	508 (160, 200 & 300 for cable industry)	Not Applicable
LENGTH (mm)	Not Applicable	Not Applicable	500 - 4000
COIL WEIGHT / PALLET WEIGHT (Kgs)	3000 - 1 2000	2kg/mm to 6kg/mm Of width	3000 Max

* minimum zinc coating mass of 45 gsm available for thickness above 0.60 mm thickness.

** 45 gsm (G15/Z45) will be available for export market only.

