

# Material & Hot Dip Galvanization Standard

## STEEL GRATING MATERIAL

Standard	Manufacture Standard	Steel Material Standard		
		Bearing Bar	Cross Bar	Stainless Steel
China	YB/T 4001.1-2019	GB/T 700 Q235 Q235B	GB/T 700 Q235	ASTM A240 GR304(L) or GR316(L)
USA	ANSI/NAAMM(MBG531-00)	ASTMA1011 CS Type B or ASTM A36	ASTMA510	ASTM A240 GR304(L) or GR316(L)
British	BS4592	BS EN 10025	BS EN 10025	BS EN 10258
Germany	DIN24537-1	DIN EN 10025	DIN EN 10025	DIN EN 10088
Australia	AS1657	BS EN 10025	BS EN 10025	BS EN 10258

## HOT DIP GALVANIZATION

Galvanized Standard	China	USA		
	GB/T 13912	ASTMA123/A 123M		
Material Thickness	$3 \leq t \leq 6$	$1.6 \leq t \leq 3.2$	$3.2 \leq t \leq 4.8$	$4.8 \leq t \leq 6.4$
Minimum Average Thickness( $\mu\text{m}$ )	70	65	75	75
Conversion	$\text{mils} = \mu\text{m} \times 0.03937$ $\text{oz/ft}^2 = \mu\text{m} \times 0.02316$ $\text{g/m}^2 = \mu\text{m} \times 7.067$			

\*The thickness of the galvanized layer can be customized according to customer needs



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