

Galvanizing Cost-per-Tonne Breakdown

Structural steel · 8 mm material thickness · batch hot-dip galvanizing

GALVANIZING SELLING PRICE

2,150 SR/MT

SAR per metric ton finished

Price band: 1,700 – 2,499 SR/MT

JOB PARAMETERS

Material	Structural steel
Thickness	8 mm
Coating class	85 µm (≈ 610 g/m²)
Zinc uptake	5.6 % of steel mass
Working zinc price	2,900 USD/t
Profit margin	15 %

SUMMARY

Direct cost	1,870 SR/MT
Profit (15 %)	280 SR/MT
Selling price	2,150 SR/MT
Per kg	2.15 SR/kg
USD equivalent	573 USD/MT

COST BREAKDOWN (PER METRIC TON)

COST ITEM	BASIS	SR/MT
Zinc consumption	56 kg/t @ effective zinc cost	610
Base galvanizing service	labour · flux · energy	740
Fuel & kettle heating	natural gas, furnace load	285
Passivation / chromate	finish treatment	95
Consumables & chemicals	HCl · degreaser · flux make-up	140
Total direct cost	before margin	1,870
Profit margin	15 %	280
Selling price	2.15 SR/kg · 573 USD/MT	2,150