

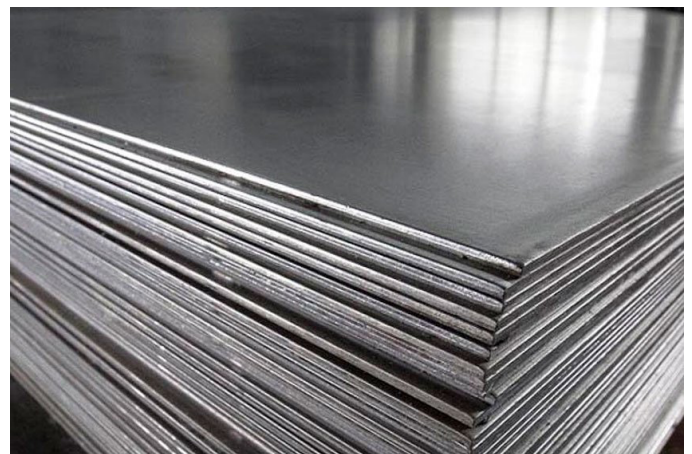
# Steel Sheet



Corrugated steel / Smooth sheet

Product number 7210.49.00

Smooth galvanized steel sheets are high-performance flat-rolled products made from non-alloy steel, hot-dip coated with zinc to ensure superior corrosion resistance and long-term durability. These sheets are suitable for a wide range of structural, industrial, and fabrication applications. The zinc coating, applied in accordance with EN 10346 and ASTM A653 standards, provides consistent protection against oxidation and environmental wear, making them ideal for both indoor and outdoor use.



Manufactured to comply with stringent quality and dimensional tolerances, these galvanized sheets are typically produced in accordance with certified processes, ensuring material traceability and uniformity. Available in various thicknesses and coating weights (e.g. Z100–Z275), they offer excellent formability, weldability, and surface finish.

## European Grades (EN 10346)

Grade	Type	Typical Use
<b>DX51D</b>	Structural/forming grade	General forming, cladding, roofing
<b>DX52D – DX57D</b>	Deep to extra-deep drawing	Automotive panels, appliances, complex shapes
<b>S220GD – S550GD</b>	Structural grades	Framing, load-bearing elements, purlins
<b>HX260LAD – HX500LAD</b>	High-strength low-alloy (HSLA)	Automotive, structural reinforcement

## American Grades (ASTM A653)

Grade	Designation	Typical Use
<b>CS Type A/B/C</b>	Commercial Steel	Light fabrication, panels, general forming
<b>FS</b>	Forming Steel	Deep drawn parts, HVAC components
<b>DDS/EDDS</b>	(Deep/Extra Deep Draw)	Appliance panels, auto body parts
<b>SS 33–80</b>	Structural Steel (e.g., SS 40)	Load-bearing, framing, structural applications
<b>HSLA</b>	High Strength Low Alloy	Automotive and construction with higher strength

Requirement	Recommended Grade
General fabrication	DX51D / CS Type A
Deep drawing / stamping	DX54D, DX56D / DDS, EDDS
Structural strength	S350GD, S550GD / SS 50, SS 80
High strength & formability	HX340LAD / HSLA
Corrosion resistance	Higher Z-coating class (Z275 / G90)