

Pre-painted galvanized steel (PPGI, colour-coated coil) to EN 10169: hot-dip galvanized DX51D+Z100–Z275 substrate with a primer and polyester (PE 25 µm), silicone-modified polyester, PVDF (35 µm) or plastisol (200 µm) top coat in RAL colours, 0.30–1.20 mm, 1 000–1 250 mm wide, coil and cut sheet from Dilovası; for roofing and cladding sheet, sandwich-panel skins, appliances, doors, shutters and furniture.

PE · SMP · PVDF · plastisol	Any RAL · 8 stock colours	0.30 – 1.20 mm	Z100 – Z275 substrate	EN 10169 · A755
-----------------------------	---------------------------	----------------	-----------------------	-----------------

PPGI is galvanized coil painted on a continuous line — primer plus a polyester, PVDF or plastisol top coat baked at 230 °C — so it arrives colour-finished and ready to roll-form or press. We stock RAL 9002, 9010, 9006, 3009, 5010, 6005, 7016 and 8017 in 0.35–0.70 mm and run any RAL from 5 t; the same coil feeds our trapezoidal, corrugated and tile-profile lines and our sandwich panels. 0.30–1.20 mm, Z100–Z275 substra

COATING SYSTEMS: PE, SMP, PVDF, PLASTISOL

System	Dry film	Gloss	UV / colour retention (RUV)	Corrosion (RC)	Formability (T-bend)	Life outdoors*	Price index	Use
Polyester (PE / SP)	25 µm	20–60%	RUV2–3	RC3	2–3T	10–15 yr	1.00	Standard roofing, cladding, panels, appliances
Silicone-modified polyester (SMP)	25 µm	20–40%	RUV3	RC3	3T	15–20 yr	1.05–1.08	Roofing in strong sun (Gulf, Africa)
Polyurethane (PUR / PU-PA)	35–50 µm	30–40%	RUV4	RC4	2T	20–30 yr	1.12–1.18	Architectural, coastal
PVDF (Kynar 500-type, 70/30)	25–35 µm	25–35%	RUV4	RC4	2T	25–35 yr	1.15–1.25	Architectural façades, Gulf sun, colour stability
Plastisol (PVC)	200 µm	Leather-grain	RUV3	RC5	0T	25–40 yr	1.30–1.40	Coastal, industrial, agricultural roofing
Polyester matt / textured	30 µm	≤ 10%	RUV3	RC3	3T	15–20 yr	1.08	Low-glare roofs, villas

* to first maintenance, rural/urban; halve for coastal. RUV/RC categories per EN 10169; test methods EN 13523.

COLOURS AND STOCK

RAL	Colour	Typical use	Availability
9002	Grey white	Roofing, panels — most ordered	Stock
9010	Pure white	Cold rooms, panels, ceilings	Stock
9006	White aluminium	Cladding, industrial	Stock
3009	Oxide red	Roofing (Gulf, Africa, Balkans)	Stock
5010	Gentian blue	Roofing, sheds	Stock
6005	Moss green	Roofing, agricultural	Stock
7016	Anthracite grey	Architectural cladding, villas	Stock
8017	Chocolate brown	Tile-profile roofs	Stock
Any RAL / BS / custom	Matched	Projects	5 t per shade, 2–4 weeks
Wood-grain, brick, camouflage print	Printed	Doors, panels, cladding	10 t, 3–5 weeks

SUBSTRATE: GALVANIZED OR ALUZINC, ZINC CLASS, GRADE

Substrate	Coating mass	Grade	Thickness	Choose for
Galvanized DX51D+Z (PPGI)	Z100 / Z140 / Z200 / Z275	DX51D (forming), S250–S350GD (structural)	0.30–1.20 mm	Standard; Z200+ coastal
Aluzinc AZ150 (PPGL)	AZ150	DX51D+AZ, S280GD+AZ	0.40–0.80 mm	Humid tropics, longer life, heat reflection
Zinc-magnesium ZM (PPZM)	ZM120–ZM175	DX51D+ZM	0.50–1.00 mm	Cut-edge protection, 25+ yr
Electro-galvanized (PPEG)	EG 2.5–5 µm	DC01	0.40–1.00 mm	Indoor appliances, best surface

THICKNESS, WIDTH AND WEIGHT

Base thickness	TCT (approx.)	kg/m² (Z140)	m² per ton	Typical use
0.30 mm	0.35	2.55	392	Corrugated sheet (Africa), fences
0.35 mm	0.40	2.95	339	Corrugated / trapezoidal, budget

Base thickness	TCT (approx.)	kg/m ² (Z140)	m ² per ton	Typical use
0.40 mm	0.45	3.34	299	Trapezoidal, tile profile, panels
0.45 mm	0.50	3.73	268	Roofing, sandwich skins
0.50 mm	0.55	4.12	243	Roofing export standard, panel skins
0.60 mm	0.65	4.91	204	Cladding, long-span roofs
0.70 mm	0.75	5.70	175	Heavy roofing, deck
0.80 – 1.20 mm	0.85–1.25	6.5–9.6	154–104	Doors, shutters, appliances, purlins

Widths 1 000, 1 200, 1 250 mm (914 and 1 219 on request); coils 3–10 t, ID 508 mm; sheets 2 000–6 000 mm cut.

STANDARDS

EN 10169 (continuously organic-coated (coil-coated) steel flat products) · EN 10346 (galvanized substrate) · EN 13523 (coil-coating test methods) · ASTM A755 (pre-painted), A653 substrate · JIS G3312 (CGCC) · ECCA guidelines