RAL 1018 Zinc Yellow PPGI

OMEGA STEEL CO.
Istanbul · Dilovası plant

RAL 1018 zinc yellow is the bright, slightly greenish safety yellow of warehouse guardrails, column protectors, machine guards, forklift lanes, road and site signage, and of buildings branded in yellow. It is a made-to-order colour rather than a roofing stock colour; we hold a small stock in 0.50–0.70 mm and supply 0.80–1.2 mm with a PVDF or HDP system for outdoor colour retention, cut, slit or roll-formed into guardrail and protector profiles at Dilovası.

RAL 1018 · zinc yellow | LRV ≈ 55 % | Safety & branding | HDP / PVDF outdoors | 0.50–1.2 mm

Yellow is a working colour: it marks the edge of a mezzanine, the post you must not hit, the crossing you must see. Our 1018 goes into safety barriers, rack protectors and sign blanks — and, now and then, into a whole building for a brand that owns the colour.

COLOUR DATA

RAL code	Name	Approx. hex	Light reflectance (LRV)	Gloss (60°)	Colour tolerance
RAL 1018	Zinc yellow / Zinkgelb	#F8F32B	≈ 55 %	30–40 semi-gloss; 60+ high-gloss for signage	ΔE ≤ 1.5 (bright yellows: wider mill tolerance)

PAINT SYSTEM AND PIGMENT CHOICE

System	Pigment	Indoor life	Outdoor life	Note
PE polyester, organic pigment	organic	15+ yr	3–7 yr	stock; indoor equipment
PE polyester, inorganic pigment	oxide / bismuth vanadate	15+ yr	8–12 yr	to order
HDP, inorganic	inorganic	—	15–20 yr	roofs, signage
PVDF, inorganic	inorganic	—	20–25 yr	branding, façades; 10 t

Yellow is the least light-fast colour family: PE for indoor safety equipment only; HDP or PVDF with inorganic pigments outdoors, and expect a slightly higher colour tolerance (ΔE ≤ 1.5) between batches.

SAFETY-YELLOW APPLICATIONS AND GAUGES

Product	Gauge	Substrate grade	System
Warehouse guardrail and mezzanine edge barrier	1.0–1.2 mm	S250GD+Z140	PE (indoor)
Column, rack and corner protectors	0.8–1.0 mm	S250GD+Z100	PE
Machine guards and enclosures	0.7–1.0 mm	DX51D+Z100	PE
Forklift-lane and pedestrian barriers	1.0–1.2 mm	S250GD+Z140	PE / HDP
Site and road sign blanks	0.8–1.0 mm	DX51D+Z140	high-gloss PE / PVDF
Branded roofing, fascia and cladding	0.5–0.6 mm	DX51D+Z140–Z275	HDP / PVDF

Black chevron marking (RAL 9005) is applied by the fabricator on the yellow base; two-colour coil is not stocked.

THICKNESS RANGE AND STOCK SIZES

Thickness	Widths × lengths	Availability
0.50–0.70 mm	1 250 mm coil; sheet to 3 000 mm	small stock — PE
0.80–1.20 mm	1 250 mm coil; sheet to 3 000 mm	to order 3–5 weeks — PE / HDP
PVDF outdoor	0.50–0.80 mm	to order 4–6 weeks, 10 t
Slit strip for guardrail profiles	1.0–1.2 × 150–400 mm	slit from order coil

STANDARDS

EN 10169 — continuously organic-coated (coil-coated) steel · EN 10346 — DX51D+Z substrate · RAL 841-GL colour register · EN 13523 (ECCA) test methods; EN 10204 3.1

Updated 22 September 2026 · figures are nominal; the mill certificate governs