RAL 3009 Oxide Red PPGI

OMEGA STEEL CO.
Istanbul · Dilovası plant

RAL 3009 oxide red is the brown-red of clay tiles and painted barns — the colour of tile-profile roofing sheet, rural and residential roofs, and of any building that must sit in a landscape rather than an industrial estate. We stock it in 0.40–0.50 mm on DX51D+Z100 with 25 µm polyester, run our tile-profile and trapezoidal lines from it at Dilovası, and supply matching ridge, valley and flashing pieces.

RAL 3009 · oxide red | LRV ≈ 12 % | Stock 0.40–0.50 mm | Tile-profile colour | Matching flashings

Half the tile-profile roofs in Turkey, the Balkans and the Caucasus are 3009. It is the red that looks like a roof, and the first colour our roofing customers ask for after the whites.

COLOUR DATA

RAL code	Name	Approx. hex	Light reflectance (LRV)	Gloss (60°)	Colour tolerance
RAL 3009	Oxide red / Oxidrot	#6D342D	≈ 12 %	30–40 (semi-gloss); matt 10–20 popular for tile profile	ΔE ≤ 1.0 to RAL 841-GL, iron-oxide pigment

WHICH PAINT SYSTEM HOLDS THIS COLOUR

System	Chalking	ΔE at 10 yr	Gloss kept	Typical use
PE polyester 25 µm	slight	2–3	50–60 %	tile-profile and rural roofs
SMP / HDP 25 µm	low	1.5–2	60–80 %	coastal roofs, 20-yr warranty
PVDF 25–35 µm	very low	≤ 1	> 80 %	façades, colour warranty
Matt-textured PE	masked by texture	2–3	n/a	architectural stock

Iron-oxide reds are the most light-fast pigments: PE is adequate for 10–15 years of colour; choose SMP or PVDF for coastal or high-UV sites (Gulf, North Africa) or a 20-year colour warranty.

TILE-PROFILE AND ROOFING ACCESSORIES IN RAL 3009

Item	Gauge	Note
Tile-profile (pantile) roofing sheet	0.40–0.50 mm	step 350 mm, cover width 1 100 mm
Trapezoidal roof and wall sheet	0.40–0.50 mm	27 / 38 mm ribs
Corrugated (sinus) sheet	0.40–0.50 mm	
Ridge cap, hip and valley	0.45–0.50 mm	folded from the same coil
Verge, eaves, wall flashings	0.45–0.50 mm	up to 6 m long
Screws with painted heads	—	EPDM washer, colour-matched

A roof ordered in one lot gets all parts from one batch — the only way to avoid a visible shade difference between sheet and ridge.

THICKNESS RANGE AND STOCK SIZES

Thickness	Widths × lengths	Availability
0.40–0.50 mm	1 000 / 1 250 mm coil; sheet to 6 000 mm	stock — roofing
0.35 mm	1 000 mm coil	to order — light cladding
0.60–0.70 mm	1 250 mm coil	to order — panels, doors
Matt / textured finish	0.45–0.50 mm	to order, 10 t

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