

Steel Fencing — Palisade & Mesh

Roll-formed palisade pales, posts and welded mesh panels

Perimeter fencing in roll-formed steel: palisade, where the pales themselves are the barrier, and welded mesh panel systems, where a rigid panel spans between posts. Both are specified by height, the coating system and how much the site needs to keep out.

Systems

System	Components	Typical height
Palisade	W- or D-section pales, rails, posts, finials or spikes	1.2 – 3.0 m
Welded mesh panel	Mesh panel, posts, brackets, gates	1.0 – 2.4 m
Guard rail / barrier	Horizontal rails and posts	0.9 – 1.2 m

Specified data

Pale / wire section	Pale thickness 1.5 – 3.0 mm; mesh wire 3 – 6 mm, mesh aperture 50 × 200 mm typical for security panels
Posts	Roll-formed or hollow section, concrete or base-plate fixed
Coating	Hot-dip galvanised to ISO 1461, then powder coated; pre-galvanised plus paint for lighter duty
Fixings	Security fixings where the fence is a security barrier

Standards referenced

ISO 1461 (hot dip galvanised coatings on fabricated iron and steel articles) · EN 10346 (coated steel flat products) · ISO 1461 / EN 13438 for the galvanised plus powder-coated finish · project specification governs the fence class and the security rating

Need a quote? Send the fence height and total length, the system, coating and any security rating.

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