

FenceCheck Australia

Technical Standards Schedule

Measurable benchmarks supporting the FenceCheck Quality Assurance System.

Purpose. To provide measurable benchmarks that support the FenceCheck Quality Assurance System and justify its inclusion within MFS quotations.

Important. These are recommended workmanship standards based on industry practice, manufacturer guidance and practical field experience. They should be reviewed periodically against relevant Australian Standards and supplier specifications.

FenceCheck Technical Standard 001

Post Installation

Post Vertical Tolerance

PASS Maximum deviation from plumb ≤ 5 mm over 1 metre ($\approx 0.3^\circ$).

FAIL Lean visible to the naked eye, or greater than 5 mm deviation per metre.

Post Alignment

PASS Posts maintain a straight fence line; no post appears proud or recessed.

Tolerance: maximum variation ± 10 mm over 20 metres.

FenceCheck Technical Standard 002

Post Embedment Depth

Timber Fencing — recommended minimum:

Fence Height	Minimum Depth
Up to 1.8 m	600 mm
1.95 – 2.1 m	650 – 700 mm

Colorbond Fencing — recommended minimum:

Fence Height	Minimum Depth
Up to 1.8 m	600 mm
1.95 – 2.1 m	650 – 700 mm

High Wind Areas: increase depth by 100–150 mm, subject to soil conditions and engineering requirements.

FenceCheck Technical Standard 003

Concrete Footings

Minimum Concrete

Standard residential installation: minimum **2 x 20 kg bags per post** (≈ 0.018 – 0.020 m³).

Footing Diameter — recommended:

Fence Type	Diameter
Residential	250 – 300 mm
Heavy-duty / Gates	300 – 400 mm

FAIL Loose posts, insufficient concrete, voids around posts, or evidence of movement.

FenceCheck Technical Standard 004

Fence Height Tolerance

Top Line Consistency

PASS Maximum variation ± 10 mm over 20 metres (where design intent is level).

Stepped Fencing

PASS Steps uniform and heights consistent. Tolerance ± 5 mm.

FenceCheck Technical Standard 005

Colorbond Sheet Safety

Finger Entrapment Risk

PASS Cut sheets terminate safely with no hazardous openings. Recommended maximum gap less than 8 mm.

FAIL Openings capable of trapping fingers, sharp exposed edges, or uneven cut finishes.

FenceCheck Technical Standard 006

Rails, Panels & Sheets

Alignment

PASS Straight visual line, no bowing. Tolerance ± 5 mm over 5 metres.

Fixings

PASS All manufacturer-required screws installed; secure attachment.

FAIL Missing screws, loose connections, or incorrect fixings.

FenceCheck Technical Standard 007

Gates

Operation

PASS Opens and closes smoothly, latch functions correctly, no dragging. Clearance 5–10 mm recommended between gate and adjacent structure.

FAIL Binding, sagging, misalignment, or inoperative latch.

FenceCheck Technical Standard 008

Retaining Walls (Where Applicable)

Sleeper Level

PASS Maximum variation ± 5 mm over 5 metres.

Post Alignment

PASS Straight line. Tolerance ± 10 mm over 20 metres.

Drainage

PASS Drainage provisions installed where specified.

FAIL Evidence of trapped water, or no drainage where required by design.