

Solid End Bricks To be used On Pillars

Header Course Coping in contrasting Brick

Tile Crensing

75 x 38mm Rails

100 x 19 Pales with 19mm Gap

100 x 75 Post

Eng bwk as DPC

12mm Wide Movement Joints at 10m centres, first joint no more than 5m from an end

Foundations should be a minimum of 550 x 150 thick concrete & give 150 cover (or same as depth in certain cases) around all piers, depth from GL to underside 450mm minimum, all subject to site investigation report, for specific sites.

Wall Pillars To Be Filled with concrete & Strengthened with Wall Ties

Vertical Timber Posts Secured To Brick Pillars Using 2 x Specialist Masonry Bolts (Spaced Evenly)

SECTION

Solid End Bricks To be used On Pillars

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Eng bkw as DPC

12mm Wide Movement Joints at 10m centres, first joint no more than 5m from an end

Foundations should be a minimum of 550 x 150 thick concrete & give 150 cover (or same as depth in certain cases) around all piers, depth from GL to underside +50mm minimum, all subject to site investigation report, for specific sites.

Wall Pillars To Be Filled with concrete & Strengthened With Wall Ties

[illegible]

Technical drawing of an acoustic fence, showing a side elevation and a cross-section.

Side Elevation:

- Overall height: 2000
- Overall width: 2000
- Butt-jointed tanalised boards: 2000 x 150 x 25mm
- 225mm High Timber toeboard with min 50mm buried underground
- Ground level: 175
- Foundation level: 125

Cross-section:

- Post set in mass concrete foundation
- 100 x 100 Post
- 75 x 38mm Rails
- Chamfered top
- 25
- 100

Acoustic Fence to comprise of timber post 2.0m high (min. 100 x 100mm sections) infilled with a flat topped fence panel utilising 2000 x 150 x 25mm softwood tanalised boards fixed to 3 No 75 x 38mm softwood tanalised rails. A 225mm timber toe board requires fixing between each panel with a minimum 50mm buried below ground level to act as a retainer. All boards to be butt jointed against each other to make a gap free fence.

ELEVATION

350 x 75mm 20 gauge galvanised and stained mild steel strap, nailed in place with 2No. galvanised nails on each side

100 x 100 x 700mm posts

Posts at 1800 centres

Ground Level

450

SECTION

Strap and nails not shown

12mm hole drilled before cutting notch and left for drainage/ventilation

Post

Ground Level

450

500

150mm depth well compacted hardcore

300

190

1:2:4 in-situ concrete

Mitred joint

Posts to be positioned 100mm from end of each rail and mitred to achieve angled joint. All sharp edges to be removed

100

Ground Level

NOTES:

1. All notch cuts to tops of posts are to be made prior to preservative treatment being applied.
2. All timber is to be treated with an approved pressure-impregnated preservative.
3. All timber to be sawn softwood.
4. All fixings to be galvanised.
5. Posts are to be positioned at 1200-1500mm centres, at all changes in direction and at all intersections.