

Fence Construction Details and Design

POSTS

The wooden support posts are rough sawn finished, green pressure treated (tanalized), 100 x 100mm nominal in size and were placed into a 650mm deep x 300mm round hole. They were then surrounded by rapid setting concrete sloped away at ground level to drain water away from the post and slow the rotting process.

They are placed at approx 1.9m centres to accommodate the 1.8m wide fence panels, that sit directly in-between them. They are then finished at the top with a decorative 120x120mm chamfered post top to prevent excess water entering the post from above.

PANELS

The wooden panels are a green pressure treated (tanalized) rough sawn finish feather edge design and contain an angled weather edge wooden strip to the top side (to prevent excessive water ingress from above) they have 3 No. heavy duty wooden horizontal support braces to the back 85mm x 30mm in size. These are at the top, middle & close to the bottom of the panels.

PANEL INSTALLATION DETAILS

Each panel is supported approx 100mm above ground level on 2 No. 30 x 30 x 50 galvanized angles. One screwed to each post with 2 No. 5.0 x 40mm carbon steel, yellow zinc-plated, counter sunk PZ screws.

The panel is then attached/screwed to the posts with 6 No. galvanized fencing 'S' clamps. (3 No. each side, placed top, centre & close to the bottom) each of these clamps are screwed to the outside face of the wooden post with 2 No. 5.0 x 40mm carbon steel, yellow zinc-plated, counter sunk PZ screws. The same screws then secure the wooden panel to the 'S' clamps. In total 24 No. screws are used per panel, 12 No. into the posts & 12 No. into each panel.

FENCE FINISH

The inside finish is painted with 3 No. coats of Cuprinol Garden Shades (Natural Stone). The outside is not coated at present but we could coat the visible upper section (above the laurels) with Cuprinol Forest Green 5 years Ducksback to soften the impact while the laurels grow up & above the fence (we have included details of this product.)



CUPRINOL 5 YEAR DUCKSBACK

- Wax-enriched formula
- 5 year colour and weather protection
- For rough-sawn wood
- Showerproof in 1 hour
- 5 litre, 9 litre*

WATER-BASED

Forest Green	Autumn Brown
Harvest Brown	Forest Oak
Rich Cedar	Autumn Gold
Silver Copse™	Woodland Moss
Black	



CUPRINOL WOOD PRESERVER CLEAR (FP)

- General purpose preserver for exterior use
- Protects against rot and decay
- For UV protection overcoat with a coloured treatment
- 1 litre, 5 litre

SOLVENT-BASED

OUR SUGGESTED COLOUR TO ROAD SIDE OF FENCE



CUPRINOL ULTIMATE GARDEN WOOD PRESERVER

- Actively prevents rot, decay and blue stain
- 5 year colour performance
- Quick drying
- 1 litre, 4 litre

WATER-BASED

Spruce Green	Red Cedar
Golden Cedar	Country Oak
Autumn Brown	Golden Oak



Treated with Cuprinol Ultimate Garden Wood Preserver in Country Oak (fence), Cuprinol Anti-Slip Decking Stain in Golden Maple (decking), Cuprinol Garden Shades in Purple Pansy™ (planter and trellis).

SHEDS & FENCES



Our property does not front onto Pendle Drive as the surrounding dwellings do. This fence is to make the rear and side of our property safe from thieves. The fence will have no visual impact as it will be completely hidden. The fence will not interfere with any vehicle sight lines. When grown our bushes will be in line with all our neighbours hedges and will therefore be in-keeping with their surroundings.

The laurel bushes were planted very close together to create a dense bush to fully obscure the wooden panel fence.

We intend to grow the laurels higher than the top of the fence. This will also soften the straight edge that is now visible from inside the garden when viewing the fence



Close up view showing finished wooden post and panel fence with dense evergreen bushes to hide view of fence from adjacent footpath & roadway.



Photo No.3

Galvanized 'S' clamps with 4 No. screws per clamp and decorative top to fence post. 6 No. 'S' clamps used per fence panel. 'S' clamps positioned at top, middle and bottom of panel and 3 No. to each side of panel.

They are located on each of the horizontal 85 x 30mm wood battens present on the back side of each fence panel.

Photo No.4



View from driveway looking down our garden. The fence was slightly bent around the cherry blossom tree because we wanted to save it.



View from inside of fence, from bottom of garden looking up towards our front driveway.



View from inside showing approx 300mm round hole with wooden fence post set in sloping concrete and 30 x 30 x 50mm galvanized angled piece screwed to fence post to support wooden fence panels from below (2 No. to each panel).

Photo No.7



View looking up Pendle Drive from the rear corner of our garden. This shows all the hedges directly against the public footpath and in line with the laurel hedge we have planted.

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View looking up Pendle Drive from the rear corner of our garden. This shows all the hedges directly against the public footpath and in line with the laurel hedge we have planted.



Fence bending around Cherry Blossom Tree and Laurel growth to date 15-05-17