

# Fencing Matters

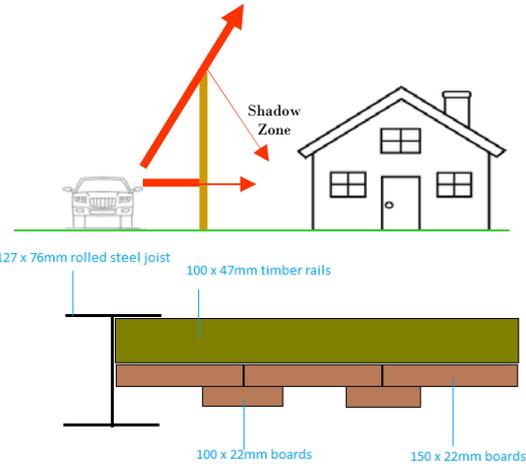
## Acoustic Fencing—Does It Work?

It depends on a number of factors; THE proximity of the fence to the noise source; the closer the fence is to the source, the more effective it will be. THE height of the fence; the taller the fence the larger shadow zone will be created

THE density of the material; the thicker the fence the less noise transmission through the fence. THE design of the fencing; there should be no gaps to allow noise to pass through.

We can see from the depiction to the top right that the sound will travel through the fence but will be reduced following its passage through the barrier.

The diagram to the bottom right shows our own design of acoustic fencing, where we have used substantial size timbers to create a robust fence with two layers of boarding to eliminate noise egress through gaps. The height will determine the use of timber or metal posts.



The human ear hears a halving of sound for every 10dB Sound Reduction. To put that into context normal conversation is around 60dB, heavy traffic is around 80dB. We've had our acoustic fencing checked in non-laboratory conditions and we believe there is an 8dB reduction. That's a tangible reduction on a fence installed on site doing what it's meant to do.



A strong young fencer at the construction site was bragging that he could out do anyone

in a feat of strength. He made a special case of making fun of one of the older workmen. After several minutes the older worker had had enough. "Why don't you put your money where your mouth is?", he said, "I will bet a week's wages that I can haul something in a wheelbarrow over to that outbuilding that you won't be able to wheel back".

"You're on, old man," the braggart replied. "Let's see what you've got."

The old man reached out and grabbed the wheelbarrow by the handles, then, nodding to the young man, he said, "All right, get in"!

## Festive Facts - with a loose connection to fencing as they are about trees!!



Since 1947 the tree in London's Trafalgar Square has been a gift each year from the city of Oslo, Norway—a token of gratitude for British support during WWII

Real Christmas trees came eighth in a survey of the nation's favourite smells, ahead of perfume

Manufactured Christmas tree ornaments were first sold by Woolworths in 1880

The average Christmas tree contains about 30,000 bugs and insects

Martin Luther is credited with the idea of lights on Christmas trees. The 16th century monk added candles to his tree to look like stars in a forest.



The custom of burning the Yule Log goes back to, and before, medieval times. It was originally a Nordic tradition. The Yule Log was originally an entire tree, that was carefully chosen and brought into the house with great ceremony. The largest end of the log would be placed into the fire hearth while the rest of the tree stuck out into the room! The log would slowly feed the fire through the twelve days of Christmas.



We would like to wish all of our customers and readers a very Merry Christmas and an enjoyable New Year!

