

**DE-VI Contact Person:** Greg Watkins (DNZ), Ian Wilson (Tile Warehouse)

**Feedback from user:**

*The client and staff are comfortable and happy with the heating. The system is silent, maintenance free and once winter comes only needs to be set and forgotten.*

**DE-VI Conclusion:**

*While the actual heated floor area is approximately 129m<sup>2</sup> this is also open to the front of the shop and a further part of the showroom giving a total area in excess of 200m<sup>2</sup> which is heated.*

*The shop has a large window area along the front, a high stud inside with no insulation and walls are concrete block with no insulation. As this is a retail outlet a constant opening of the doors is also a daily occurrence resulting in further heat loss.*

*Using the actual energy records from the power account we have found the average cost for heating over the winter months is \$190.00 per month or \$6.34 per day. To operate 15.06kW of heating with a unit rate of 15.22 cents would cost \$2.29 per hour uncontrolled. From this we can see that the heating is operating for approximately 2.76 hours each 24-hour period.*

*This site proving that electricity and under floor heating with the correct controllers can provide efficient heating with a great comfort level. We can also see that the operating costs are low and often less than that offer by other fuels with a cheaper unit rate.*

*For further comparisons and actual running cost of under floor heating please read our case study on the West Harbour home in Auckland.*

