



Home Insulation

Cost: The cost of installing insulation beyond the minimum requirements for this home was an additional \$1,900.

Payback: Based on standard heating and cooling requirements for Ballarat, you can expect to have a payback period of 3 – 5 years.

Insulation	5 star Minimum Standards	Ballarat Foundation Home
Roof insulation	R 4.3	R 7.0
Wall insulation	R 1.0	R 3.7



This house has been installed with insulation that is far beyond the minimum standard for Ballarat. The result is a house that will have lower energy bills for heating and cooling, as the additional insulation helps to retain heat in winter and repel heat in summer.

Roof Insulation

The ceiling insulation has been installed to a rating of R 7.0. The product used in the ceiling is cellulose loose fill which is 89% recycled newspaper combined with a fire retardant and insect repellent.

Wall Insulation

The walls have also been fitted with a high insulation rating of R 3.7, well above the minimum requirement in Ballarat of R 1.0. Polyester and cotton wall batts (30% recycled plastic bottles and 70% recycled cotton) have been installed in the walls to R 2.0 level. Laminated panel foam has also been combined with the batts. The panel foam has a R 1.7 rating.

Rebates

Currently there is a Federal Government insulation rebate of \$1,600 for houses that have 'no' or 'ineffective' insulation. Go to: <http://www.environment.gov.au/energyefficiency/index.html>

