

FOAMULAR®

Energy-Saving, Moisture-Resistant XPS Insulation

Concrete Roof Insulation

R Value of System

A typical specification for Concrete Roof Insulation System is made up of a number of components.

These are usually a waterproof membrane coating on top of the Concrete Slab, insulation, a Filter Fabric and a Ballast of River Pebble or 50mm Concrete Pavers to hold the Insulation in place.

The Under Slab Ceiling is usually hard plaster finish direct to the concrete or a 10mm plasterboard fixed to top hat section or suspended on wires.

The TOTAL R VALUES of the components excluding the Insulation are:

With Hard Plastered Ceiling - R0.31 (up) and R0.36 (down)

Ceiling with Air Gap and Plaster – R0.46 (up) and R0.58 (down)

* To meet the specified overall R Value required simply add Foamular Extruded Polystyrene Insulation in single or dual layers in various thicknesses as below.

Foamular R-Value at Various Thicknesses

Foamular R Value 300-650kpa	25mm	30mm	40mm	50mm	60mm	75mm	100mm
	R0.89	R1.07	R1.42	R1.78	R2.14	R2.67	R3.57

The component values are based on the Deemed To Satisfy Provisions (DTS) of the BCA Typical R values for Roof and Ceiling constructions.

The figures shown are indicative only and may vary based on geographic location.

For more information on R-Values and product availability,

contact Mike Nagle 0417 168 660.

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