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 Gus Villablanca on 0403 055 024.

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