Resene
Construction Systems

DURATHERM
INSULATED FOUNDATION SYSTEM

Thermal performance + Durability + Comfort

Perimeter insulation brings significant gains in energy efficiency.

Insulating the perimeter of the foundation slab is one of the most efficient methods to improve the thermal performance of your home.

Depending on the circumstances, combining underslab insulation with our slab edge insulation system can result in thermal performance of the concrete slab improving by 100% or more.

By insulating the perimeter this will give a relative improvement to the thermal performance of the floor slab.

A complete thermal barrier to the weather extremes' which will keep your home cooler in summer and warmer in winter.

Proven Technology

Our DuraTherm does not allow moisture to penetrate the insulation cells. Protected with a layer of hydrophobic, flexible plaster and reinforced with fibreglass mesh.

Attractive and Durable

Finished with one of our premium texture surfaces and overcoated with the Resene Colour of your choice to complement the exterior.

**Innovative design.
Integrated systems.
Enduring finish.**

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SYSTEM FEATURES:

+ 33mm thick DuraTherm insulation

+ Pre-coated & reinforced

+ Formed leading edge to keep cladding cavity open

+ Mineral adhesive connection

+ Tough & Durable

+ Fast, Lightweight & easy installation

+ Thermal envelope

+ Thermal Resistivity (R-Value) 1.0 R W/(m2.K)

+ Thermal Conductivity 0.033 W/(m.K)

ROCKCOTE | Plaster Systems™

By adding on 33mm Duratherm Insulation with an R-Value of 1.0 this would increase the overall R-Value of a 100m^2 floor slab to approximately 1.66

By using our Duratherm Insulated Foundation System you can fully insulate to the top of the floor slab. Combine this with underslab insulation and your project will yield even larger increases in thermal performance.

Perimeter insulation provides significant gains in energy efficiency depending on the type of construction and configuration of the floor slab.

305mm

2200mm

33mm