Pitched roofs.

Superglass Timber and Rafter Insulation.

Achieving high levels of thermal insulation between rafters.

A warm roof is when the insulation is installed into the rafters below the roof line. This allows for the maximum utilisation of the roof space.

A “Room in a Roof” will have access to the roof space provided by stairs and allows the homeowner to increase the amount of habitable space that is available in their dwelling. The room will typically have sloping roofs, dwarf walls and possibly a dormer window.

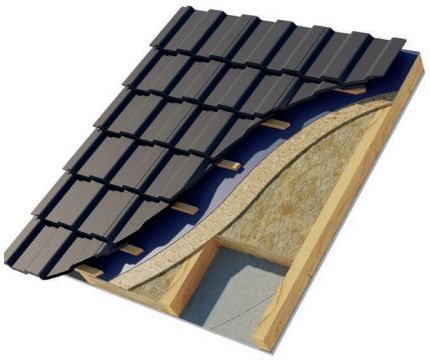
Thermal Insulation

Superglass Timber & Rafter Insulation for pitched roofs

Superglass Timber & Rafter Rolls / Batts are lightweight, non-combustible glass mineral wool insulation products.
The flexible rolls and batts are manufactured to allow easy installation between common stud spacings, and minimum on-site cutting and waste. The products are supported by friction fitting between timber studs which helps to eliminate air gaps.

Superglass Products	Thermal Conductivity
Timber & Rafter Roll or Batt 32	0.032 W/mK
Timber & Rafter Roll or Batt 35	0.035 W/mK

U-Values achieved using Superglass Timber and Rafter insulation



- Roof tiles
- Well vented cavity between timber battens and counter battens
- Breather Membrane
- 9mm OSB
- Timber joists (600mm centres) with Superglass Timber & Rafter Roll or Batt
- Standard Vapour Control Layer (VCL)
- 12.5mm Standard Plasterboard

Insulation and joist thickness (mm)	Superglass insulation	U-Value Achieved (W/m²K)
230 (140+90mm)	Timber & Rafter Roll or Batt 32	0.16
230 (140+90mm)	Timber & Rafter Roll or Batt 35	0.17
230 (140+90mm)	Timber & Rafter Roll or Batt 40	0.19
140	Timber & Rafter Roll or Batt 32	0.25
140	Timber & Rafter Roll or Batt 35	0.27
140	Timber & Rafter Roll or Batt 40	0.29