

gti direct

Aerogel GT

'GREATER THINNESS – GREATER THERMAL'

Nanostructured Insulation – The GTi direct Way

- **Aerogel** GT is a breathable substance with exceptional thermal insulation properties – Resulting from the structure of pores containing air.
 - The air is locked in the frame to compose up to 99.8% of pore volume.
- The cellular, solid body structure is small enough to minimise the influence of both convection and thermal conduction.
 - Available in blankets of varying dimensions up to 12mm thick.



BENEFITS – APPLICATIONS

- The perfect solution for Thermal Bridging Elimination and Condensation – Humidity Resistant and Hydrophobic

Window Reveals

- Exceptionally low thermal conductivity

Stairwells

- Multi-purpose use in any space requiring thin insulation with exceptional parameters

Under floors

- Retains its' excellent thermal insulation at high temperatures

Fire Resistant/Rating

- Aerogel GT blanket product is A2 classified for fire behaviour, s1 in smoke production and d0 in flaming droplets

Roof Spaces

- Environmentally friendly, Proven/tested Material, Durable, Easy to form

Aerogel GT

PROVIDING EFFECTIVE SOLUTIONS FOR YOUR INDUSTRY

- **Renovation and Refurbishment**
 - Builders and Contractors
- **Self-Build and Heritage Buildings**
 - Homeowners
- **Manufacturing – Oil and Gas**
 - Park Homes

The product is small packed size and weight as compared to other insulation materials and therefore directly impacts on reduced costs of transport



12mm of **Aerogel** GT, when applied to a 9" solid masonry wall will achieve a U value of 0.87 W/m²k and up to **60% reduction** in heat loss

Reducing heat loss – Meeting the need for and providing an effective solution to, a wide variety of difficult situations

Contact us now for further information and advice on **Aerogel** GT and on how you can benefit from its' thermal performance and unique applications.

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Testimonial

"**Aerogel** GT is a high performance product which provides an excellent solution to Thermal Bridging and particularly where space is limited" – **Wilson Shaw - The BCA Group**