

thermtek is a revelation



Five times the insulation

A standard (non thermally broken) aluminium door will often be the weak link in your home's insulation, providing an easy place for heat to escape with an R Rating as low as 0.05. A Thermtek door provides over five times the thermal insulation of a standard (non thermally broken) aluminium door. Likewise in a hot climate, a Thermtek door will help keep your house cool.



Reduces condensation by 90% on the door

In areas and climates where indoor and outdoor temperatures differ widely, condensation can be a major problem, with pools of water building up around doors and windows that have not been thermally broken. Thermtek aids the problem because Thermtek not only reduces heat loss from your home, it also reduces condensation by up to a massive 90%.



The r/rating is important

The higher the R/Rating, the better the thermal performance of your door will be. Heat will transfer through your entrance door if the Thermal rating (R/Rating) is too low.

Our timber doors have an R/Rating of .45
Ask your builder about the preferable R/Rating for your choice of door and situation.

- In aluminium doors (with no thermal break) the R/Rating is .05
- Our Thermtek range has an R/Rating of .28 average
- Double-glazing glass has an R/Rating of .18



Sound Performance on thermtek doors

STC - Sound Transmission Class.
This chart is based on 25 STC (standard noise level outside your home). This chart shows how much better doors can get at stopping sound from coming in from outside.



The quiet achiever

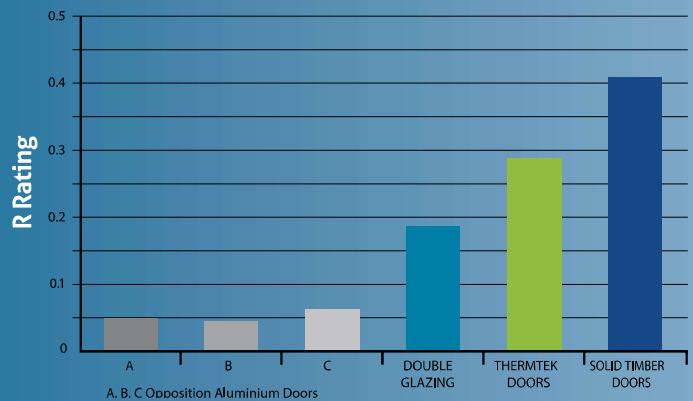
Thermtek creates a superior noise barrier with Thermtek STR (Sound Travel Reduction) Technology that makes use of different material thicknesses to reduce resonance and wave travel by changing sound wave frequency.



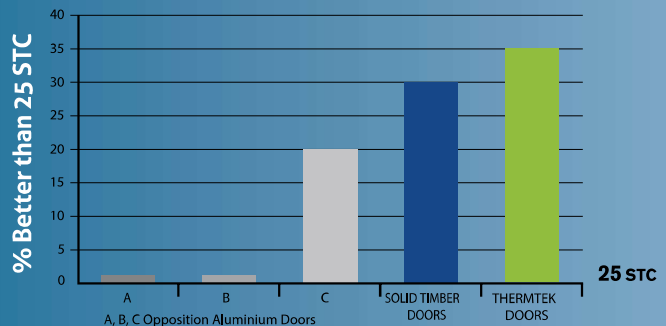
The feel of quality

The Thermtek rubber connection system thermally separates the exterior door from the interior without compromising strength. This makes for a structurally and thermally superior door that is whisper quiet, precise and snug closing. This system also creates a solid, quality feel to the 'knock' and takes away any rattle or ringing sound found with other aluminium doors.

Thermal Performance on Thermtek Doors



Reduction of Sound Loss



Superior Acoustic Design