

"Setting the Benchmark for Insulated Steel Garage Doors"

THERMA TECH II™ INSULATED STEEL GARAGE DOORS

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A Quality Door from a Trusted Brand

It would have been easy for us to find a cheap product from any one of a number of countries but we have a brand to protect - a brand people trust, so we went to the leader in insulated doors, one with a history of expertise and a proven track record - Northwest Door.

At 2" thick (51mm), with an integrated thermal break, a complete draft seal system and from a trusted source, your Therma Tech II™ insulated garage door from Garador will do the job right and stand the test of time.

We know that and that's why in association with NWD we are able to provide a Limited Lifetime Warranty for as long as you own the door. Ask your Garador dealer for the full details as some conditions apply.

Call Us, We're Nearby

So if you are serious about making your garage space more useable, call your local Garador Dealer and ask to see a sample then you can mark off your own check-list or you can just use ours...

Insulated Door Check-list

- Thermal Break between Internal & External Skins ☒
- Draft Seal between Panels ☒
- Jamb Edge Seal Top & Sides ☒
- Bottom Weather Seal ☒
- Well-known Trusted Brand ☒
- Comprehensive Warranty ☒

Two Modern Profiles

Therma Tech II™ Insulated Garage Door Systems are available in two modern styles with a classic woodgrain effect as standard.

If you require a simple look to subtly work in with the rest of your homes architecture, our Flat Panel style is a great option. With precision cut insulation and exacting manufacturing processes, you won't be disappointed with the look and presence of your new Flat Panel Therma Tech II door.

If you are looking for a more detailed style then our Ribbed Panel option is the perfect choice. The multiple mini-grooves along the length of the panel provide an added dimension to the overall look of the door and an interesting focal point to your home.



Who is Northwest Door Inc?

When it comes to garage doors, Northwest Door® is a leader in innovation and quality. Northwest is a family owned business that began in 1946 installing wooden garage doors. Since 1970 Northwest Door has been an inventive overhead garage door manufacturer catering to the needs of the market place. In 1989 Northwest introduced the Therma Shield, one of the first steel sandwich construction doors which has now evolved into the Therma Tech™ line.



NORTHWEST DOOR®
AMERICA'S FINEST GARAGE DOORS

- Since 1946 -

Are You Serious About Insulating Your Garage?

Do You Want to Make Better Use of Your Garage Space?

Now you can seal out the elements and reclaim your garage space with a Therma Tech II™ Insulated Steel Garage Door system, from Garador.

Therma Tech II™ doors are true insulated garage doors, born of years of experience in America's rugged climate extremes by Northwest Door® - "The Face of Fine Homes Since 1946".

So before you make any decision around insulating your garage, make sure you talk to Garador and understand what sets the benchmark when it comes to an effective Insulated Garage Door solution for your home.



0800 GARADOR
www.garador.co.nz

Notes / Information
a) The company reserves the right to make changes or improvements to the products or accessories without further notice and without incurring any obligation to make similar changes or improvements to goods previously ordered. Specifications subject to change without notice.
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c) Details correct at date of publication.
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Now Available Through Garador Dealers Nationwide.

Manufactured by:



NORTHWEST DOOR®
AMERICA'S FINEST GARAGE DOORS

- Since 1946 -

THERMA TECH II™

INSULATED STEEL GARAGE DOORS

Now Available Through;

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A Total Insulated Door System that Doesn't Cut Corners

If you are serious about insulating your garage space, don't let your garage door be the weakest link.

You have quality Double Glazed windows, high grade insulation in your walls and ceiling, do you have an insulated garage door with a specially designed Thermal Break & full Seal System?

"A thermal break is an element of low thermal conductivity placed in an assembly to reduce or prevent the flow of thermal energy between conductive materials."

Even the best insulation in the world is wasted if the outside steel skin of your garage door is allowing heat-transfer to and from the inside steel surface – don't be fooled into thinking otherwise.

Each **Therma Tech II** Insulated Panel is produced with an Energy Efficient Thermal Barrier that effectively separates the inner and outer steel skins of the panel, but we don't stop there.

A Complete Seal System

Drafts, (technical term – Air Migration) will also quickly negate any insulation you have and as the saying goes;

"A fridge is only as good as the quality of its seals."

The Therma Tech II Insulated Garage Door System from Garador is available with up to **three separate seals** to combat air migration.

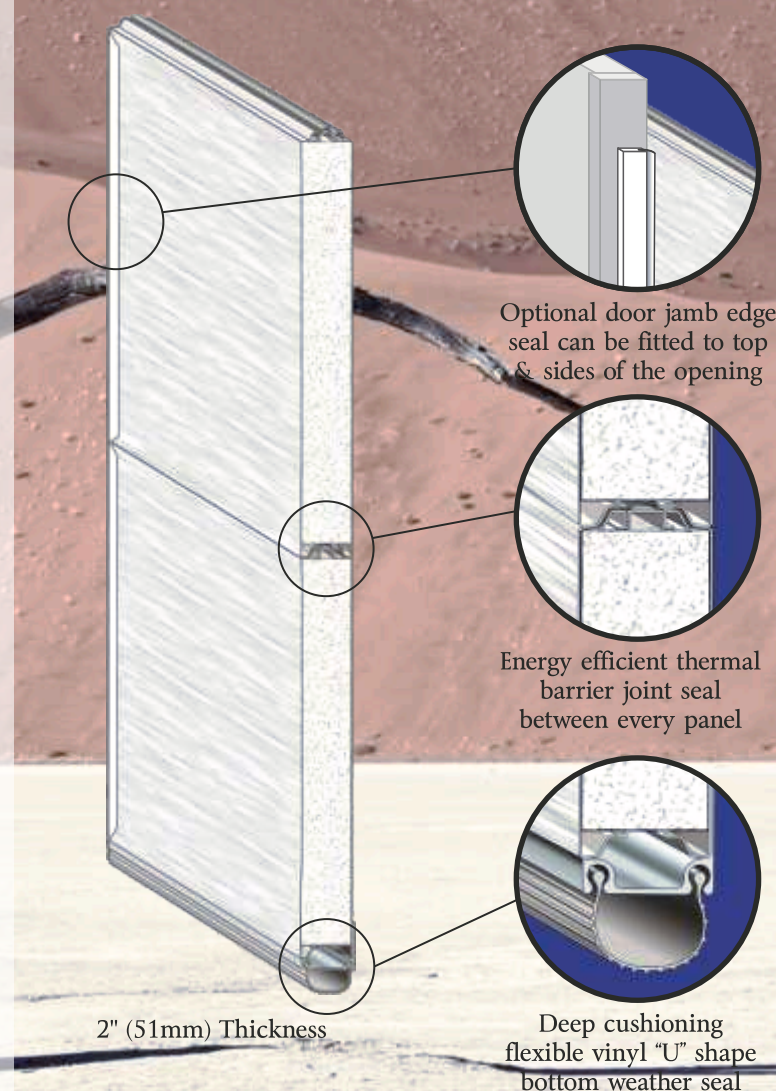
- ✓ A thermal barrier joint seal that seals off the inherent gaps between each panel.
- ✓ A deep cushioning "U" shape flexible vinyl extrusion attached to the bottom panel to seal gaps between the door and floor.
- ✓ An optional Jamb Edge Seal System to seal any gaps there may be between the door and the opening - available in the four standard colours shown below.

Colour Choice

Therma Tech II doors are available in a baked on polyester paint system in one of Four Standard Colours or can be over-painted to match your particular colour scheme for an additional charge.



Note: The colours shown above are as close to the actual colours as the printing process allows. If colour selection is critical, please request an actual colour sample from your nearest Garador outlet. Garador reserves the right to vary or delete colours without notice.



"You can rely on Northwest Door's considerable experience of more than 20 years and hundreds of thousands of global residential and commercial door applications to insulate your home properly."

Therma Tech II™ - The Inside Story

Therma Tech II™ door sections are made using two steel skins for the front and back of the door with a true thermal break which does not transfer the cold and heat from the exterior skin to the interior skin, thus achieving optimal performance. The two skins are laminated with liquid moisture cured, CFC free, Urethane adhesive and sandwiched around a rigid Expanded Polystyrene (EPS) insulated core.

Northwest Door focused on the use of Expanded Polystyrene (EPS) as a more stable, higher quality and environmentally friendly insulating material, ideally suited for garage door applications.

Appearance is Important in a Garage Door

One of the critical aspects of a garage door is its surface flatness (the absence of "oil canning"). The NWD manufacturing process takes a finished EPS sheet cut by CNC equipment and places it between the two metal faces with engineered adhesives which are then roller/heat cured in a very dimensionally controlled environment.

These exacting tolerances allow for the achievement of a much greater surface flatness over the length of the finished panel - so your garage door will look great.

It's About a Longer Lifespan

EPS is a 'closed cell' type insulation which provides better thermal retention and less moisture absorption which, if left unchecked, can cause rust and opener wear by altering the operational characteristics of your door.

EPS is stable and provides longer lived performance as it does not degrade as other forms of insulation can. Remember, your garage door is a moving object so inherent stresses during the open/close cycles and sun loading can severely reduce the performance of an inferior insulation over its lifespan.

A Greener Choice?

Let's be honest, not every choice we make can be completely 'Green' and the same must be said for insulated doors, but we can limit the potential environmental impact of our choices.

Expanded Polystyrene (EPS) is made from expanded beads that are similar to those found in a 'bean bag' and contain approximately 98% air. The beads are injected into a moulding machine that applies steam and pressure, which fuses the beads together.

- ✓ EPS does not utilize Chlorofluorocarbon (CFC), Hydro Chlorofluorocarbon (HCFC), or Formaldehyde in its manufacturing process so there is no potential for out gassing or the release of harmful toxic chemicals over the life of the door.
- ✓ EPS is inert, stable and does not produce methane gas or contaminating leachates.
- ✓ EPS is odourless, non-toxic and can readily be recycled.
- ✓ Team a Therma Tech door up with one of our GDO series Low Standby Power usage, DC openers, or minimise your impact further with our unique solar powered battery option.

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