

The role of Mammoth® Insulation in Sectional Garage Doors



Choosing the right garage door insulation can make a huge difference to the temperature inside your home and how much external noise you hear when you are trying to relax with your family.

Durable enough to withstand daily rigours over the decades while delivering superior thermal performance, Mammoth® Insulation stands out from the crowd. It's also one of the healthiest insulation options for your family, your home and the environment.

Let's explore how this eco-friendly product made of recycled plastic bottles offers the perfect balance of sustainability and energy efficiency for your Sectional Garage Door.

Why choose insulated Sectional Garage Doors?

Mammoth® Insulation can be fitted on Windsor Doors' Sectional Garage Door range for more effective temperature control throughout your garage and adjacent living spaces.

Mammoth® offers superior thermal performance compared to a normal garage door, particularly steel doors, with no insulation. This is because steel is a conductor of heat. Without garage door insulation, heat transfer makes your entire home hotter in summer. An insulated garage door helps you lower energy bills by offering thermal resistance against extreme temperature fluctuations, leading to improved energy efficiency.

It's not just more energy efficiency that you'll gain from insulating your garage door. Mammoth® Insulation absorbs sound for a quieter environment in your home. Having a garage door that absorbs noise instead of amplifying it is particularly effective in homes with attached garages. This is because Mammoth® Insulation blocks external noise from the street to the house and allows you to use your garage as a multi-purpose space without bothering those inside the home.

Unique benefits of Mammoth® Insulation in garage doors

Healthy for you, your home and the environment, Mammoth® is modern insulation at its finest. Here are the main advantages of choosing a garage door from Windsor Doors with Mammoth® Insulation.

- **Mammoth® Insulation can be fitted to any Sectional Door**, new or existing.
- **It has a high thermal value and is energy efficient year-round**, making the garage cooler in summer and warmer in winter.
- Independent tests have proven that Mammoth® products **outperform their product R-values**.
- With less energy needed to cool your home in summer and less heat lost during winter, **using Mammoth® Insulation is a simple and effective way to lower energy bills**.
- **Mammoth® Insulation is made from recycled polyester fibres that are non-irritating**, and it doesn't give off fumes or odours.
- **Made from recycled plastic bottles**, it's an eco-friendly choice because the product, as well as the plastic packaging, is fully recyclable.
- Its **superior noise reduction properties** make for a quieter environment within your garage and home.
- **It's extremely durable** and able to maintain superior performance for decades.
- **It's manufactured in New Zealand** using a zero-waste production process.
- **It comes with a 50-year warranty** from the manufacturer.
- **Mammoth® is committed to sustainability**, technical excellence and Toitu Carbon Reduce manufacturing ethics to reduce greenhouse gas emissions.

Mammoth® vs traditional garage door insulation materials

When it comes to garage door insulation options, polyester is only surpassed by polyurethane in terms of thermal performance. However, polyester offers far better acoustic performance and has a much lower environmental impact than polyurethane.

Polyurethane can cause indoor air pollution and health issues as it releases volatile organic compounds. Other basic insulation options, like fibreglass, also pose a health risk as they contain glass particles and chemical binders, which irritate the skin and lungs. Polyurethane and fibreglass are more difficult to install than polyester insulation options like Mammoth®.

Another common insulation material, polystyrene, compares poorly in terms of acoustic performance and its impact on the environment, and is generally of a similar price to polyester insulation.

Regarding durability and disposal at the end of its lifespan, nothing compares to polyester and its ability to remain useful in a closed-loop recycling system. Therefore, if you're looking for a healthier, easier-to-install product that will stand the test of time, polyester should be your preferred option.

Where is Mammoth® Insulation used in garage doors?

Mammoth® Insulation is designed to be easily inserted into the back of the individual Sectional Garage Door panels. This ensures a proper fit and optimal thermal and acoustic performance. The insulated panels feature a black face that looks neat and protects them from scuffing.

Is Mammoth® Insulation worth the investment?

By installing Mammoth® Insulation, you can dramatically improve the energy efficiency of your garage space. This means you'll save money on heating and cooling costs, especially if your garage is attached to your home. With a more comfortable environment, you can also maximise the use of your garage and ensure that anything you store within won't be exposed to temperature fluctuations.

Mammoth®'s sound-blocking ability means that traffic and other noise from your street will no longer be a problem, nor will the echo from your garage space into the rest of your home. It's even quieter upon opening and closing, meaning no more late-night wake-ups.

Installing Mammoth® means that you can use your garage for a wider variety of purposes and reduce your energy bills while also boosting the value of your home. We'd say this makes Mammoth® a very worthwhile investment indeed.

How to get a Mammoth®-Insulated garage door

Durable, sustainable, and with a strong acoustic performance, Mammoth® is leading the way with its modern insulation.

At South Waikato Garage Doors, we're committed to providing our customers with the highest-quality, most durable garage doors possible, so we only choose Mammoth® Insulation for our products. To have a garage door with premium insulation fitted at your home, visit our website today.

Frequently Asked Questions

Can you insulate a Sectional Garage Door?

You can insulate a Sectional Garage Door, and it makes a lot of sense to do so. Windsor Doors can help you upgrade and insulate your existing garage door to make your home more comfortable all year round.

What type of insulation is best for garage doors?

Polyester insulation like that by Mammoth® is the best insulation for a garage door because it's considered a great all-rounder, in terms of durability, sustainability and thermal and acoustic performance.

Does adding insulation to a garage door help?

Adding insulation to a garage door can help your entire home remain at a consistent temperature and save you money on heating and cooling bills. It can also prevent traffic noise from disturbing you.

Do insulated garage doors really make a difference?

Yes, insulated garage doors are a smart choice for reducing energy costs and increasing the value of your home.