

ThermaSilver™

RMAX
Innovation working for you

HIGH PERFORMANCE MULTI PURPOSE INSULATION



Up to 20% more insulation performance with the same board thickness

ThermaSilver™ is an RMAX environmental EPS product with a unique difference – it is made of Neopor® which contains minute particles of graphite that act as infrared reflectors that considerably reduce thermal conductivity.

This means that builders and designers seeking to achieve the six star energy rating can get vastly improved insulation performance with the same board thickness or conversely, achieve the same energy rating as normal EPS using a thinner board.

Producing thinner panels consumes fewer resources and when coupled with more efficient insulation, that will last the life of a building, means ThermaSilver™ is a better environmental choice than other insulation systems.

The unique silver-grey colour identifies ThermaSilver™. ThermaSilver™ is exclusively manufactured by RMAX, Australia's leading producer of environmentally friendly EPS products, using BASF Neopor® technology.

Applications

ThermaSilver™ is a versatile insulation medium, suitable for multiple applications both internal and external. It creates a healthy and comfortable living environment, while reducing energy use and costs, which continues to work for the life of the building. Applications include:

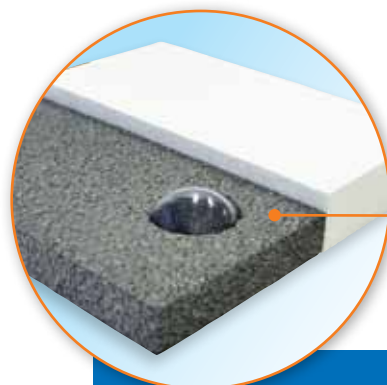
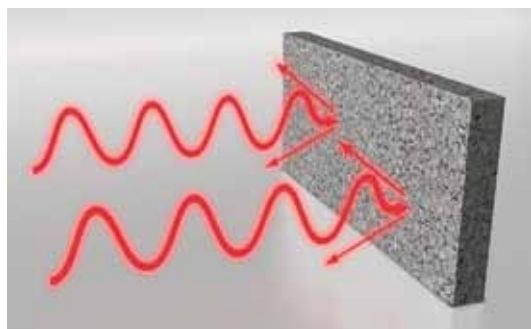
- Exterior Insulation and Finishing Systems (EIFS)
- Ceiling insulation
- Exterior insulation
- Cavity insulation
- Insulating Concrete Forms (ICFs)
- Panel construction
- Floor insulation such as RMAX ThermaFlex®

Technical

Without effective insulation, buildings are susceptible to heat absorption in summer and heat loss in winter, creating an uncomfortable living environment. Poor insulation can also contribute to structural damage of the building. ThermaSilver™, properly installed, provides a healthy living environment and reduces energy costs in both summer and winter.

Better Thermal Insulation

ThermaSilver™ enables more streamlined structures to be built while providing a better insulating effect. The infrared reflectors considerably reduce thermal conductivity and permeability. The insulation effect of ThermaSilver™ can be up to 20% higher than with conventional EPS.



ThermaSilver™

Practical Advantages of ThermaSilver™

- Greatly improved insulation effect
- Reduces thermal stress and the risk of crack formation
- Dimensionally stable, weather-resistant and ageing-resistant
- Non-glare work in direct sunlight due to reduction of light reflection
- Easy handling during processing due to weight advantage
- Easy to cut and install
- Proven processing method similar to conventional EPS
- Versatile application possibilities
- Proven performance in buildings in Europe

RMAX – Innovation Working for You

RMAX is a company driven by innovation. We have pioneered Rigid Cellular Plastics product technologies, leading the development of innovative product solutions for our customers and international partners.

Energy Efficient Manufacture

RMAX environmental EPS is highly energy efficient. The energy saved over the lifetime of a ThermaSilver™ panel in reduced energy demand, more than compensates for the raw material used in its production. The manufacturing process is a low pollution process.

Recycling EPS

EPS products are recyclable and RMAX has established recycling facilities in all of its plants throughout Australia. RMAX is a member of PACIA (Plastics and Chemical Industries Association) and through REPSA (Recycling Expanded Polystyrene Australia) RMAX plays a major role in recycling.

For more information and a Technical brochure please email sales@rmax.com.au or call **1300 888 972**

The pictures and illustrations shown in this brochure are for illustrative purposes only to demonstrate creativity and design and construction flexibility. They do not imply that ThermaSilver™ was used in their construction.

