Styroboard® XPS

GREEN BY DESIGN:

Recycled Insulation for Sustainable Building

ANOTHER ENGINEERED SOLUTION FROM:

FOAMEX® EST-1982

Australian Ingenuity For Superior Thermal Performance

A truly robust and resilient extruded polystyrene (XPS) material that delivers superior thermal performance, Styroboard XPS by Foamex is the material of choice for home builders, specifiers, architects and engineers due to its high compressive strength and superior thermal performance.

Extruded polystyrene provides higher long-term R-values and thermal performance than expanded polystyrene. A resilient and robust construction material, Styroboard XPS can be used across a wide range of residential and commercial building and construction applications.

Unlike other insulation materials that degrade when wet, Styroboard XPS is impervious to water. It will always preserve its thermal and physical properties under all conditions, thanks to its high-density closed cell structure. Dimensionally stable, organically inert and moisture resistant, Styroboard XPS meets a number of key requirements in structural and civil engineering. Offering superior compressive strength and higher long-term R-Values, Styroboard XPS is suitable for use on floors subjected to engineered loads and constant traffic, as well as insulation for inverted roofs, rooftop gardens, parking decks and as commercial purlin roof spacers.

Australia's Only Locally Made XPS

Foamex is the sole manufacturer of extruded polystyrene (XPS) in Australia, delivering high-performance insulation that meets strict building standards.

Using Foamex Styroboard XPS, made in Australia for the Australian climate, ensures the integrity of your building project. Importantly, when you choose Styroboard XPS by Foamex you'll enjoy peace of mind knowing that the grade of material used in the manufacturing process is second to none.

Such guarantees cannot be made with imported XPS products. This is a critical Styroboard XPS discriminator, as over time extruded polystyrene manufactured using low quality input material can rapidly leach out harmful blowing agents. This can harm the environment while also affecting the functionally of the product via reduced R-Values.

AUSTRALIAN MADE

Contains Up To 90% Recycled Expanded Polystyrene

Supporting a circular economy

Using formulas and practices unique to Foamex, Styroboard XPS contains up to 90% recycled clean expanded polystyrene (EPS), whilst still delivering on compressive strength and thermal values.

4 Ways We Collect EPS for Recycling

Factory Offcuts

All cuttings from the manufacturing process are collected and put straight back into the recycling process. Nothing is ever wasted.

Building Sites

As an active member of Expanded Polystyrene Australia (EPSA), Foamex responsibly manages EPS products at building sites, providing scrap pick-up services.

Commercial Agreements

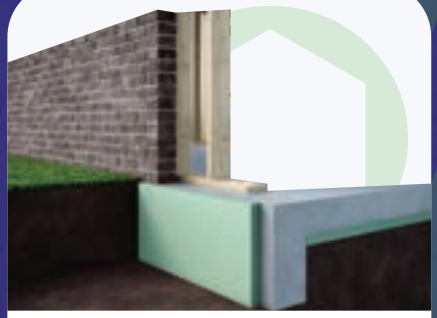
Foamex has recycling agreements in place with existing account clients where EPS waste is picked up at the time of delivering new products, creating a circular production loop.

Household EPS waste

Through their partnership with StyroCycle, the general public is encouraged to drop off their clean household EPS waste at their sites across Australia. It's a rewarding process to see community members make the effort to drop off their polystyrene packaging, which will one day be transformed into insulation that will significantly positively impact the thermal efficiency of a building.

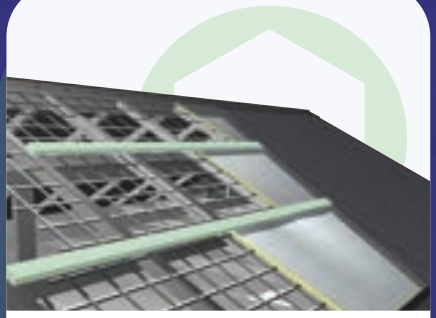
Styroboard XPS Product Range

A highly compressive and durable construction material for building & creative applications.



StyroTherm®

A highly compressive and durable construction material for building & creative applications.



StyroLink®

Highly compressive commercial roof spacers that deliver superior thermal performance and strength.

StyroRoof®

XPS sheets that are ideal for insulating and protecting inverted and green roofs.

An Environmentally Safe Production Process

Design features

- Durable and sturdy for long lasting applications
- Australian made and manufactured
- Lightweight and easy to handle
- Environmentally friendly – HCFC free
- Contains up to 90% recycled material
- Is 100% recyclable
- High compressive strength
- KPA rating to suit any project
- Low moisture absorption
- Long term retained R-values

If your project demands a 100% Australian made, quality extruded polystyrene solution that will stand the test of time, then make sure its Styroboard XPS from Foamex.

A Fire-Safe Solution

All Styroboard XPS products are manufactured from a fire-retardant raw material. This means that they do not present as a fire hazard when correctly installed. Like other organic materials, polystyrene will burn when in contact with a flame, but it will self-extinguish when the fire source is removed.

An Environmentally Safe Solution

Produced with no refrigerants and free from HCFCs, Styroboard XPS is a truly green building product. With Styroboard XPS you can limit external temperature influences, reduce internal temperature fluctuations, and in turn, reduce the need for mass air-conditioning and electricity consumption. Maintaining thermal consistency means less energy is consumed, which leads to fewer greenhouse emissions.

StyroTherm®

XPS sheets with industry leading R-Values & thermal performance

Energy-efficient foundations are essential for building sustainable homes, and **StyroTherm** delivers superior insulation where it matters most. Widely used in floor, under-slab, slab edge, and perimeter insulation, it helps reduce heat loss and improve overall building performance.

Manufactured in Australia from **Styroboard XPS**, the highest-quality extruded polystyrene, StyroTherm is highly durable, water-resistant, dimensionally stable, and organically inert. Its exceptional compressive strength ensures long-lasting performance in residential, commercial, and industrial construction.

One of Australia's most cost-effective and sustainable insulation solutions, StyroTherm minimizes thermal bridging, enhances under-slab insulation, and contributes to lower energy costs and a more sustainable built environment.

Design Features

- Superior compressive strength
- Extremely durable for long lasting applications
- Lightweight & easy to handle in any weather
- Practically impervious to water
- Delivers long-term retained R-Values
- Environmentally friendly - CFC & HCFC
- Complies with all relevant building codes
- 100% Australian made for Australian conditions

Specifications

Width: 600mm
Length: 2400mm
Thickness: 25mm, 30mm, 40mm, 50mm, 60mm, 75mm
Edge configuration: Square
Nominal density: 32-36 kg/m3

StyroLink®

XPS roof spacers that deliver thermal performance and strength

StyroLink is a critical component of a thermally stable metal deck roofing system. It helps deliver thermal efficiency on commercial metal deck roofing applications, by avoiding thermal bridging. Manufactured from Styroboard XPS extruded polystyrene, StyroLink roof spacers allow for the insulation blanket to return to its design thickness, ensuring the maximum thermal efficiency of the roofing system.

Unlike many locally available roof spacers, StyroLink is 100% Australian made at our state-of-the-art facility in Victoria. StyroLink roof spacers by Foamex are produced from the highest quality extruded polystyrene and boast a kPa rating that exceeds BCA regulations. StyroLink roof spacers can be custom cut to your specific requirements.

Design Features

- Lightweight and easy to handle
- High compressive strength
- Superior water resistance
- Complies with BCA thermal bridging requirements
- 100% Australian made for Australian conditions

Specifications

Length: 1200mm
Width: from 30mm to 600mm
Thickness: 25mm, 30mm, 40mm, 50mm, 60mm, 75mm
Edge configuration: Square
Nominal density: 32-36 kg/m3

StyroRoof®

Premium XPS sheets that insulate and protect green roofs

Durable, lightweight, and highly compressive, **StyroRoof** is the ideal choice for inverted and green roof systems designed to withstand heavy loads and foot traffic.

Made from **Styroboard XPS**, its closed-cell structure delivers high R-values, exceptional compressive strength, and low moisture absorption, ensuring long-term thermal performance in extreme conditions.

Manufactured in Australia at our Melbourne facility, StyroRoof is refrigerant-free, environmentally friendly, and contains no ozone-depleting substances.

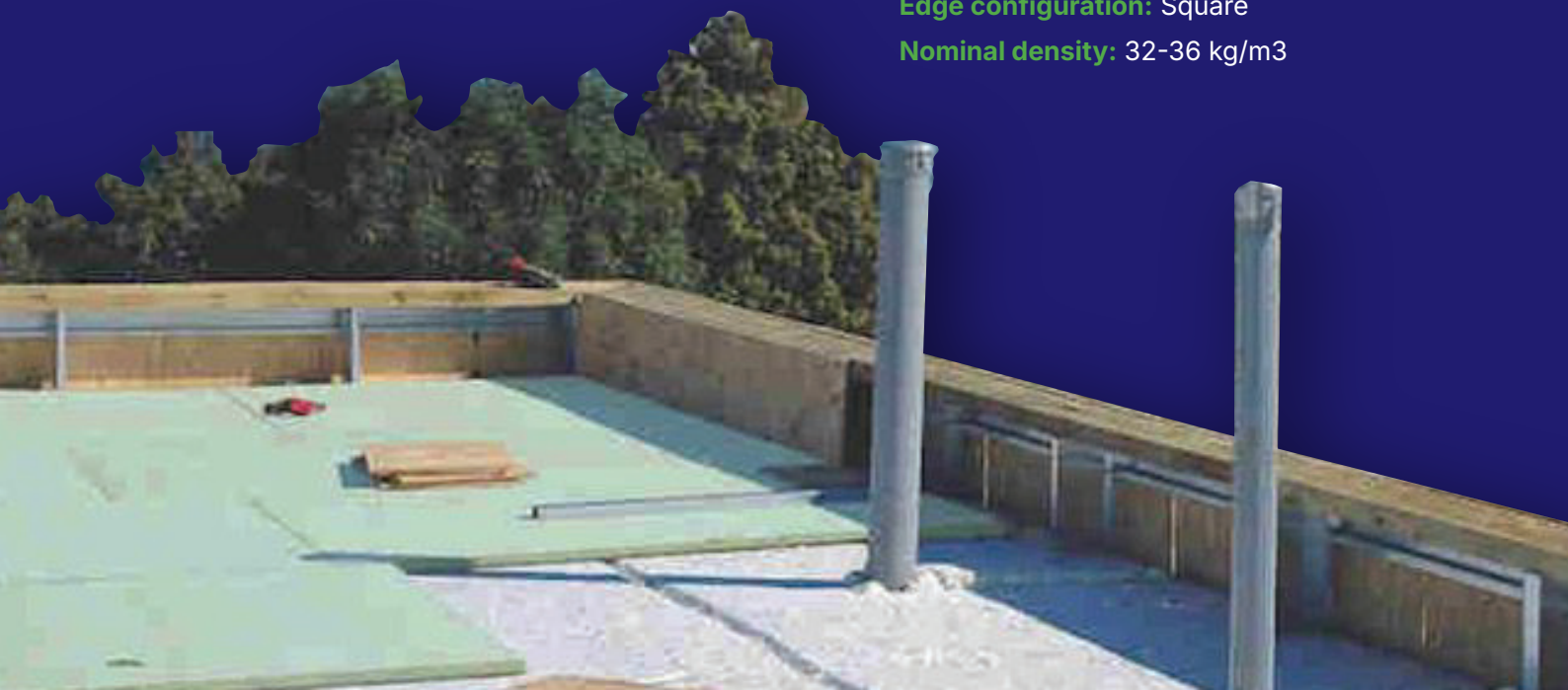
Incorporate StyroRoof into your design to create a more energy-efficient, cost-effective, and sustainable building.

Design Features

- Highly compressive
- Durable and sturdy for long lasting applications
- Very low moisture absorption
- KPA rating to suit every application

Specifications

Width: 600mm
Length: 2400mm
Thickness: 25mm, 30mm, 40mm, 50mm, 60mm, 75mm
Edge configuration: Square
Nominal density: 32-36 kg/m3



Environmentally Friendly Building & Construction Solutions

The Styroboard XPS range delivers innovative and truly sustainable solutions for residential construction applications, commercial building applications, packaging applications, and various retail and creative applications.

Made from 98% air, Styroboard XPS can be shaped, moulded, and compressed into a durable, versatile, and long-lasting product. All Foamex Styroboard XPS products are produced without the use of toxic, ozone depleting substances and are 100% recyclable.

But it's not just how we produce our Styroboard XPS products in an environmentally friendly manner. It's also how the product remains an environmentally safe solution over the course of its lifetime, from its waste-free manufacturing to its ability to be recycled up to seven times without deteriorating after use.

The Foamex commitment to green building

At Foamex, we are strong advocates of green building practices, and our Styroboard XPS products are testament to this commitment. Styroboard XPS extruded polystyrene by Foamex is manufactured without CFCs, HFCs, and has no refrigerants in its chemical make-up.

Foamex works closely with architects, specifiers and builders to provide environmentally sustainable building solutions that promote a move away from dated building practices and towards green building design. Incorporating Styroboard XPS products into the built environment will contribute to the Green Star ratings of your next project.

Foamex: Innovation In Alternate Building And Insulation Products

Foamex is one of Australia's largest manufacturers of high-quality building and insulation products. We supply a range of extruded polystyrene (XPS) and expanded polystyrene (EPS) specialty foam products for various residential and commercial building applications, civil engineering applications, packaging applications, as well as for retail and creative purposes.

A nationally recognised leader in sustainable building and insulation solutions, Foamex is proudly Australian-owned and operated. All of our polystyrene products are manufactured in-house to strict Australian quality control standards.

Styroboard® XPS

The Styroboard XPS range of products are available to order direct from your local Foamex sales office.

1300 AU FOAM (1300 283 626)

foamex.com.au

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