



StyroPod[®]

ENGINEERED
WAFFLE
POD SYSTEM

ANOTHER ENGINEERED SOLUTION FROM:

FOAMEX[®]
EST-1982

THE AUSTRALIAN MADE WAFFLE POD VOID FORMER SYSTEM THE BUILDING INDUSTRY TRUSTS

StyroPod, an innovation from Australia's leading and longest-serving expanded polystyrene manufacturer, is a lightweight EPS waffle pod void former ideal for use in concrete slabs during the building and construction process.



Australian made for Australian conditions

Designed and manufactured in Australia for Australian conditions and specifically for use in residential building applications, StyroPod waffle pods provide best in class under slab insulation and support. Designed to work in unison with natural soil movements, StyroPod waffle pods reduce the amount of concrete required for a build.

Smart & efficient

The StyroPod system enables quicker and more cost-effective concrete pours compared to traditional methods. Uniquely designed, StyroPod waffle pods deliver a higher level of insulation through the natural air pockets in the expanded polystyrene and the moulded cells within the diamond pod design. StyroPod waffle pods can be used with any bracket and steel reinforcing mesh systems.

Engineered stronger for better slabs

StyroPod EPS waffle pods have revolutionised slab construction methods, enabling stronger, better-engineered slabs to be constructed faster and more cost-effectively than traditional methods. Manufactured by the expanded polystyrene experts, StyroPod waffle pods are impervious to the elements and safer to install.

StyroPod waffle pods used in the construction of the Parliament House addition, 2005.



STYROPOD: FEATURES & BENEFITS

StyroPod EPS waffle pods are carefully manufactured from high-quality Australian expanded polystyrene by Australia's leading supplier of expanded polystyrene products for the building and construction industry.

The unique size and diamond cut shape of Foamex StyroPod waffle pods offer optimal support for foot traffic during construction. The foam deck of the StyroPod product is thicker than other standard waffle pods, and additional material is compacted into the base during the moulding process, meaning a concreter's boot is supported by the deck as it spreads the load across a minimum of four support pillars. This is incredibly important for ensuring that Occupational Health & Safety is maintained on building sites.

The inclusion of StyroPod EPS waffle pod void formers in a concrete slab adds an insulation benefit of up to R1.0 (W/mk thermal resistance) as standard which helps to reduce energy consumption in residential buildings. When used in combination with exterior slab edge insulation systems, the thermal value of the slab system can meet, and often exceed, the most stringent energy efficiency standards.

StyroPod EPS waffle pods offer many other benefits for building and construction companies, including:



Lightweight and easy to handle

The unique, engineered construction process makes StyroPod EPS waffle pods highly durable, and being light in weight they're also easy to handle and more economical to transport.



Weather-resistant with low water absorption

Expanded polystyrene is impervious to all weather conditions. It doesn't absorb water or moisture, meaning StyroPod EPS waffle pods retain their strength and structural integrity at all times.



Includes flame retardant additives

Unlike many imported products, StyroPod EPS waffle pods are manufactured using a fire retardant grade raw material to significantly reduce the risk of fire.



A sustainable solution

StyroPod EPS waffle pods are 100% recyclable, sustainable and environmentally friendly to produce. No other supplier recycles and reuses expanded polystyrene offcuts the way we do.



Engineered to be stronger

StyroPod is specifically designed and engineered using a patented process to create a diamond shape, which offers a more uniform and high-strength waffle pod.



Complies with Australian Building Codes & Standards

As with all Foamex expanded polystyrene products, StyroPod EPS waffle pods comply with all relevant Australian Building Codes & Standards.



STYROPOD: SIZES AND SPECS FOR ALL PROJECTS



StyroPod EPS waffle pods are available in four convenient standard sizes to suit all types of construction and soil types.



150mm StyroPods:

The perfect size for shower or garage set-downs, and ideal for situations that require step down or height variations across the slab.

225mm StyroPods:

We recommend this size for moderately reactive clay or silt sites, which can experience moderate movement from moisture change.

300mm StyroPods:

300mm StyroPod EPS waffle pods are recommended for use in highly reactive clay sites, which can experience high ground movement from moisture change.

375mm StyroPods:

Recommended in extremely reactive sites, which can experience substantial ground movement from moisture change.

Alternatively, we can custom make StyroPods to suit your requirements. If one of our standard sizes doesn't suit the needs of your project, the Foamex team can design StyroPod EPS waffle pods to custom sizes. It's our way of ensuring that our customers get exactly what they need for their build.

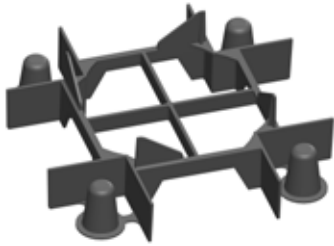
STYROPOD ACCESSORIES

All StyroPod accessories are made with recycled plastic, without compromising on strength.

When you choose StyroPod EPS waffle pods for your next project, you'll enjoy convenient access to our one-stop shop for all related accessories for your EPS slab system you may need on site.



StyroPod 4 Way Interlock



A highly effective, time-saving design that ensures the StyroPods are secure and held in place for increased stabilisation during the concrete pour. The StyroPod slots into the lugs located at each corner of the 4 way interlock, holding the pods tightly in place to guarantee a uniform concrete flow. The unique 4 way interlock design also allows for double-stacking of pods. Available in 110mm and 100mm.



StyroPod 4 Way Spacer

Uniquely designed for the easy placement and positioning of the reinforced bars through the internal sections of a StyroPod slab. Assists with a uniform concrete flow to ensure a cost-efficient construction to Australian building standards. Available in 110mm and 100mm.



StyroPod 2 Way Spacer

Cleverly designed to fit 110mm or 100mm internal spacings. StyroPod 2 Way Spacer can be used in between the pods as an internal bar support, or wherever steel supports are required at the edges or in the trenches throughout a StyroPod slab.



StyroPod Rails

Offers a superior concrete flow and reinforcing mesh support. A unique and simple design with stabilising spikes that ensures waffle pods are secure and held in place on a building site, even when exposed to high winds or inclement weather. The wide base of the StyroPod Rails spreads the weight of the reinforcement mesh evenly over the waffle pod. StyroPod Rails increase end user productivity with minimal labour time, while improving slab safety and quality. Available in 600mm L x 75mm W x 40mm H and 600mm L x 75mm W x 50mm H.



StyroPod Slab Edge Spacer

Specifically designed for the easy placement and positioning of the edge beam bars along the outer edge of the StyroPod slab. Available in 110mm.



EPS Recycling Bags

We strictly adhere to the Industry Code of Practice which outlines the responsible use of EPS Pods on building sites. Our EPS recycling bags enable EPS scrap offcuts to be collected and recycled by our state of the art recycling plant, and put back into sustainable building products.



RESPONSIBLE HANDLING OF STYROPOD EPS WAFFLE PODS

At Foamex, we are passionate about ensuring that all of our expanded polystyrene products, including StyroPod EPS waffle pods, are sustainably produced and carefully recycled.

We are long-serving members of the Expanded Polystyrene Association (EPSA) and responsible manufacture and disposal of StyroPod EPS waffle pods is a key part of the way we operate – at our manufacturing plants, and while on building sites with our clients.

Foamex adheres to the Pod Code of Practice as laid out by EPSA. Our pods are delivered to construction sites tightly wrapped together with plastic shrink wrap, and then further secured on site with customised netting Foamex has designed and manufactured specifically to suit the harsh Australian conditions on Australian building sites. The customised netting is

attached to pegs in the ground to minimise the risk of blow-away and damage. Foamex is the only company that designs, manufactures, and uses its own netting to secure its EPS building products.

Every order of StyroPod is delivered with bags to store off-cuts and leftover polystyrene. We then pick up these leftovers from your site and repurpose them into new EPS products.

Our commitment to sustainability extends to how we operate our facilities. In Victoria and South Australia we are fully powered by renewable energy sources from solar and wind farms.

We work closely with architects, specifiers, and builders to provide environmentally sustainable building solutions so our industries can move away from dated building practices and more toward green building design.



LEADING THE WAY IN ALTERNATE BUILDING AND INSULATION PRODUCTS

Foamex is one of Australia's largest manufacturers of high-quality building and insulation products, supplying a range of expanded polystyrene, extruded polystyrene, and 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.



StyroPod waffle pods are available to order direct from your local Foamex sales office.

CALL 1300 AU FOAM

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