

# Expanded polystyrene Products

## The benefits of polystyrene (EPS)

### THERMAL INSULATION

EPS is a lightweight closed-cell material with excellent stable thermal properties based on entrapped air.

### MOISTURE RESISTANCE

EPS is non-hygroscopic and is therefore moisture resistant whilst retaining its thermal properties.

### COMPATIBILITY

EPS is compatible with cement, concrete, brick; masonry, mortars, plaster and bitumen based damp-proof membranes. It must not be used in contact with membranes based on coal tar pitches or other building materials containing solvents

### EASE OF INSTALLATION

EPS products are light in weight and easy to handle store and install. No specialised equipment or specialist trades are required.

### ENVIRONMENTAL SAFETY

EPS is not affected by bacteria, moulds or fungi, and will not provide nutrient value for insects or vermin. It is non-toxic, nonirritant and odourless. It does not contain CFC's or HCFC's. EPS has a Global Warming Potential (GWP) of zero and an Ozone Depletion Potential (ODP) of zero.

### DURABILITY

EPS is rot proof and durable, and will remain effective as an insulator for the life of the construction (when installed as recommended).

## The uses of Polystyrene

Due to its lightweight and excellent cushioning properties Polystyrene is widely used in the packaging industry for products such as Glass Ceramics, flat pack furniture, automotive parts and computer components the list goes on. So if you're looking for items such as Corners, Blocks, Cut Pads, Profile Pads, Channels or Trays your looking in the right place

## Arts and Craft

The craft industry is another place you will find Polystyrene, as it's an excellent product to sculpt and decorate. Here at Tigerpak we manufacture a wide range of cake dummies unfortunately we can only supply this product to the wholesale and retail market as we can only produce in bulk

## Foam and Rubber Products

Tigerpak Manufacture a wide range of foam and rubber products we will die cut or cnc router your packaging to your specification or we will design it for you. A more expensive solution than polystyrene but can be more durable and reusable and will give your product a more stylish look when reaching your customer. Foam products are more diverse flexible and practical and are commonly seen in the Automotive industry, Construction, Protective packaging, Medical and Orthopedic, Aerospace, Electronics and White goods. With a wide range of densities and colours there is a foam or rubber material just waiting to protect your product