

Floor Form, our innovative shape moulded EPS formers for creating precast suspended concrete floor panels. Using Floor Form creates a cost effective, high thermal performance suspended concrete floor.

The construction industry has and will continue to move towards energy saving, low carbon solutions.

Driven by government lead initiatives there is a need for construction product manufacturers to innovate and change to remain relevant to the market.

With our EPS expertise we can work with you to create a fully tested and approved suspended floor system. Together we can create the insulated structural floor solution the market demands.

EPS and concrete have long been partnered within suspended floor systems. Combining the benefits of both materials is recognised as an ideal solution.

## Benefits :



**Lightweight and Easy to Handle**



**Simple design**



**Market Recognised System**



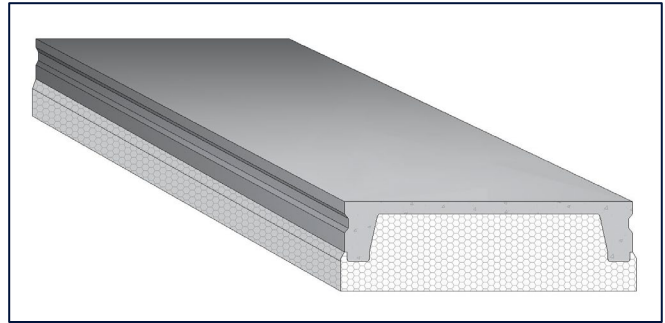
**Modern Method of Construction**



**Customer Retention**



**Business Growth**



Our EPS Floor Formers are **Lightweight and Easy to Handle**. The panels can be placed by hand within the concrete formers, there is no requirement for specialist lifting equipment. EPS is non-toxic requiring no additional or specialist PPE even when cutting.

The Floor Formers are supplied in standard sizes which are placed together in the concrete mould. A range of widths are available to make **designing the floor layout simple**.

Our shape moulded EPS pieces have been designed to hold reinforcement bars to create a high strength concrete plank capable of long spans. Being made from EPS the Formers are easily cut to suit the required overall length of the concrete panels.

The EPS Floor Formers are a **recognised system** in the construction industry. Housebuilders are already using this system and have confidence in its capability.

Working in partnership with us you can create your own insulated suspended concrete floor system. By innovating and creating new product offerings ensures **existing customers are retained**.

Having an innovative offering also provides opportunities for **new business**.

## Quality Assured

All Sundolitt EPS products are manufactured in accordance with BS EN ISO 13163 under Quality Assurance management systems to ISO 9001 and Environmental Management Systems to ISO 14001.



QMS  
ISO 9001  
Registered Company



EMS  
ISO 14001  
Registered Company



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### Benefits to Your Customer :

-  Fast and Easy Installation
-  Excellent Thermal Insulation
-  Zero Site Waste
-  No on-site Storage
-  Reduced Labour for Installation
-  Excellent Environmental Performance

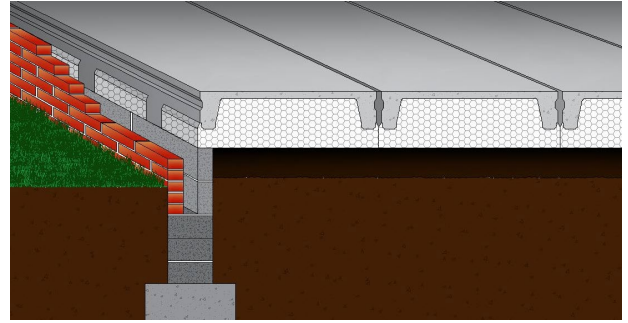
### Fast and Easy to Install

The floor system is **Fast and Easy to Install**, delivered to site and craned into position. This system involves minimal input from the site contractor with everything ready to go.

The panels are produced to bespoke sizes therefore no cutting required on site and **Zero Site Waste**. Panels are also designed and produced with holes ready to receive soil pipes and other floor penetrations.

As the panels are installed directly off the delivery vehicle there is **No On-Site Storage** necessary. This also means reduced **Labour For Installation**.

There are also fewer trades as there is no requirement for screeding or groundworking contractors to install the system and install finishes.



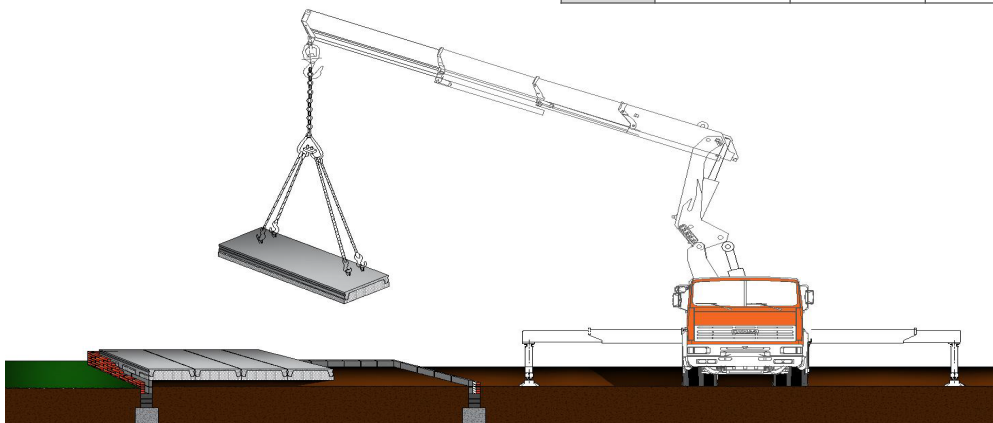
Using Sundolitt EPS Floor Former within precast suspended concrete floor systems provides **Excellent Environmental Performance**. The floor system achieves the best BRE Green Guide rating of A+ compared to traditional concrete beam and block or hollow-core slabs which can be as poor as C rating.

The system also achieves **Excellent Thermal Performance** with U values as low as 0.10 W/m<sup>2</sup>K achievable with an overall panel thickness of 375mm.

The panels are also designed to reduce thermal bridging around the perimeter of the floor. Providing excellent Psi values at junctions.

### Typical U Values for Domestic Floors

P/A Ratio	White EPS Panels		Climate EPS Panels	
	300mm	375mm	300mm	375mm
0.4	0.15	0.13	0.13	0.11
0.5	0.16	0.13	0.13	0.11
0.6	0.16	0.14	0.14	0.11
0.7	0.16	0.14	0.14	0.12



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