

What is EPS?

Expanded Polystyrene (EPS) is a lightweight cellular plastic material consisting of small hollow spherical balls. It is this closed cellular construction that gives EPS its remarkable characteristics. EPS is produced in a wide range of densities providing a varying range of physical properties. These are matched to the various applications where the material is used to optimize its performance and strength.

Building and Construction

EPS is used widely in the building and construction industry. EPS is an inert material that does not rot and provides no nutritional benefits to vermin therefore does not attract pests such as rats or termites. Its strength, durability and lightweight nature makes it a versatile and popular building product. Applications include insulated panel systems for walls, roofs and floors as well as facades for both domestic and commercial buildings. It is also used as a void-forming fill material in civil engineering projects, as a lightweight fill in road and railway construction, and as floatation material in the construction of pontoons and marinas.