

INSULATED LIGHT WEIGHT STRUCTURE

SPECIFICATIONS FOR PANELS / PLANKS PRODUCTS.

Panels /Planks are designed from two parts of boards and one part of polystyrene. Pressed and moulded together. These panels are designed to resist all kinds of normal elements as they are light and strong. They are also designed with bottom and top service shaft system for electricity and water pipes. They can be custom made with build-in electric pipes and electric boxes for faster and easier installation.

System can be custom made or standard.

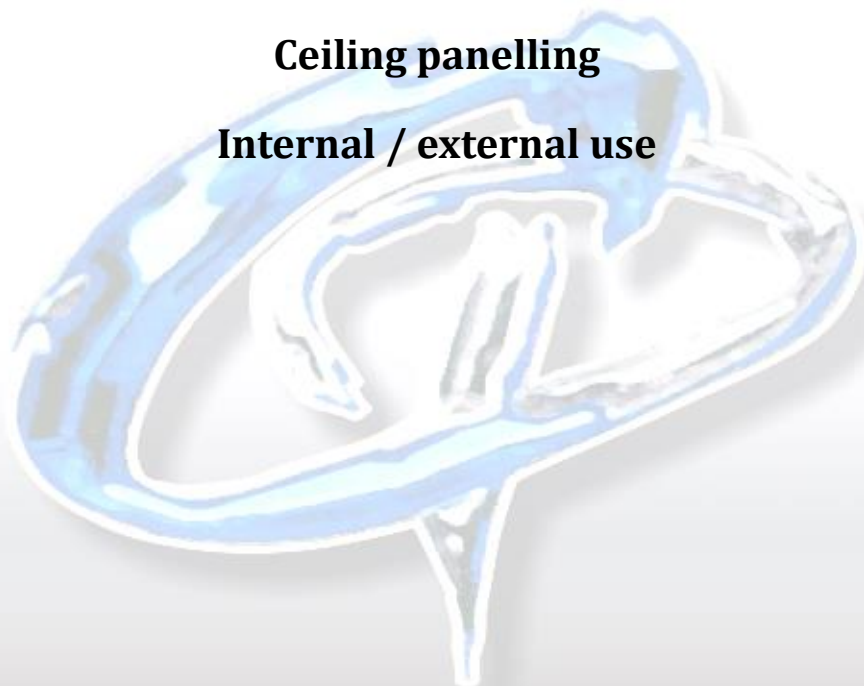
Dove-tail is designed to join one panel/plank to another to re-enforce the whole structure in one piece. These dove-tails are made of one part board, one part polystyrene and one part real enforced net.

Polystyrene products are fire retardant, water resistant, heat and cold insulated and moist resistant. This system is compatible for:

Wall panelling

Ceiling panelling

Internal / external use



Safety and health features of Panels and Planks

The board material used for light weight are non-combustion material and they carry the certificate between one and two hours fire-retardant.

Termite free.

Non-corrosive.

Resist long life elements.

Non-asbestos.

Environmental friendly.

EXPANDED POLYSTYRENE - TECHNICAL INFORMATION

TYPICAL PHYSICAL PROPERTIES

20 kg/m³

Compressive stress (10%)

(kPa) 115

Bending strength

(kPa) 240

Heat conductivity

(W/mK) 0.035

Recycling Expanded Polystyrene is suitable for recycling using modern methods of grinding, cleaning and re-granulating. In-house production waste should be kept clean to facilitate direct recycling.

CREATIVE



PROJECTS

