

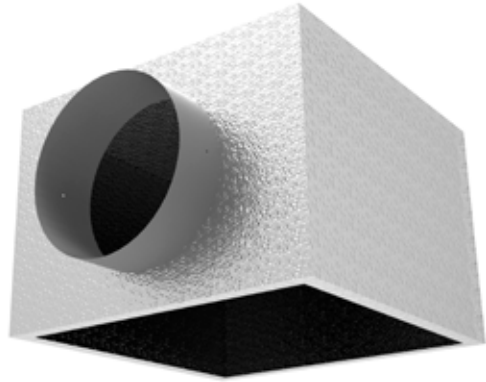
DESCRIPTION

The EP euro panel was developed in response to demand for higher performance insulation for HVAC market.

The EP material is light in weight (approx. 75% lighter than sheet steel), making it quicker and easier to assemble and install.

The aluminium lining also discourages the development of smells associated with absorption and retention of water.

EPF products are ideal for projects requiring low embodied environmental and low operational environmental impacts.



SPECIFICATION

The foam density of the EP is a much higher in comparison to traditional insulation. This also results in a lower thermal conductivity.

Closed cell patented rigid euro panel is constructed of phenolic resin, fire retardant, flame retardant, foaming and curing agents.

This patented product assures closed-celled toughened phenolic foam plastic (Application No: 200310113965.3). The aluminium foil-phenolic foam sandwich composite panels (Application No: 02108279.0).

CONSTRUCTION

Item	UOM	Specification
Density	kg/m ³	50 – 60
Thermal Conductivity	w/m.k	0.02
Compressing Strength	MPa	0.25
Bending Strength	MPa	1
Combustibility Property	-	Class 0 (BS476 & AS/NZS 1530.3:1999)
Water Absorption	%	1.9
Max. Smoke Density	%	2
Dimension Change	%	0.3
Working Temperature	°C	-180 – 150
Thickness	mm	20 (R1.0) 32 (R1.6) 40 (R2.0)
Maximum Allowable Wind Velocity	m/s	≤12
Continuous Running Max. Temperature	°C	≤120