

# SPL BOARD 720

## Description

"SPL BOARD 720" is a light weight, rigid, high performance insulation board made of extruded polystyrene with closed cell structure. Supplied in different thicknesses and with different edge designs (square edge and shiplaped), "SPL BOARD 720" can be used in a wide variety of roofing systems and waterproofing systems.

## Application

Thermal Insulations in

- Reinforced concrete roof surface
- Steel structure roof surface
- External walls
- Building floors and slabs
- Cooling warehouses
- Open areas, roads and highways

## Benefits

- Easy-to-apply
- Excellent thermal insulation
- High compressive strength
- High compatibility to most commonly used materials
- Light-weight
- Low water absorption rate
- Low water permeability

## Protected Membrane Roofs

A protected membrane roof is one of the simplest and most reliable types of flat roof construction. In it, the thermal insulation layer lies on the roofing membrane. It protects the roof skin against thermal and mechanical stress.

## Standard sizes

Length : 1,200 mm

Width : 600 mm

Thickness : 25, 40, 50 mm

## Physical Performance

Density : 33 Kg/M<sup>3</sup>

Compression strength (45 days) :  $\geq 250$  kpa

Water absorption rate (immersed 96 h) :  $\leq 1.0\%$

Vapour Permeance (23°C, R.H. 50%) :  $\leq 3.0$  ng/(m·s·pa)

Coefficient of thermal conductivity (90 days, 10°C) :  $\leq 0.028$  w/(m·k)

## Health and Safety

There are no health hazardous associated with "SPL BOARD 720" in normal use.

The information contained in this data sheet is to the best of our knowledge correct. However this is not implied as a guarantee as the application is beyond our control.