



ADVANCE COOL TECHNOLOGY CO., LTD.

300/3 SOI LADPRAO 107 KLONGCHAN BANGKAPI,

BANGKOK 10240 TEL 02-187-0660-1,63 FAX 02-187-0662

Email: [inquiry@advance-cool.com](mailto:inquiry@advance-cool.com) Website: <http://www.advance-cool.com>

## **XPS 2500**

### **EXTRUDED POLYSTYRENE FOAM**

#### **DESCRIPTION**

XPS 2500 is a high performance thermal insulation board produced by a continuous, fully automated extrusion process in accordance with international specifications and standards. It is CFC-free, lightweight and has a continuous water-repellent skin-face surface. With a close-cell homogenous uniform density distribution structure, XPS 2500 enjoys high compressive strength, good mechanical and impact properties.

#### **TECHNICAL INFORMATION**

Density : 39.0 + 2.0 Kg/m<sup>3</sup>

Thermal Conductivity : 0.035 W/moK

Water Absorption : 0.7 % (v/v)

Chlorofluorocarbon : CFC Free

Compressive Strength : > 170 kPa (25mm)

Compressive Strength : > 250 kPa (50mm)

#### **COLOUR**

Available in blue colour.

#### **PACKING**

Thickness : 50 mm

Dimension: 600 x 1800 mm

Joint type : Stright cut



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#### **CAUTION**

Avoid prolong exposure to sunlight. Do not use dark black or opaque covering over the boards. Keep boards away from spark and fire.

#### **FEATURES**

- Excellent compressive strength
- Long term insulation efficiency and effectiveness
- Good dimensional stability
- Low moisture absorption
- Aging resistance
- Resistance to rotting
- Immunity against insects, pests and rodent attacks
- Does not support the growth of micro-organisms
- Durable
- CFC-Free
- Lightweight
- Rigid



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#### **FIXES**

Extensively used in building construction, civil engineering and road transport. XPS 2500 serves as :

- An excellent insulation material against extreme thermal stress thereby offering energy savings in roof and cavity wall insulation.
- A protection against damage and aging on waterproofing membrane.
- A barrier to ingress of rainwater or vapour transmission.

Some specific areas of applications include :

- Roof/ceiling structure
- Gable wall ends
- Cold storage room
- Computer room
- Road/rail track construction
- Car park decks
- Curtain wall
- Basement-protection when back filling

ACT Care Service

02-1870660-1,63