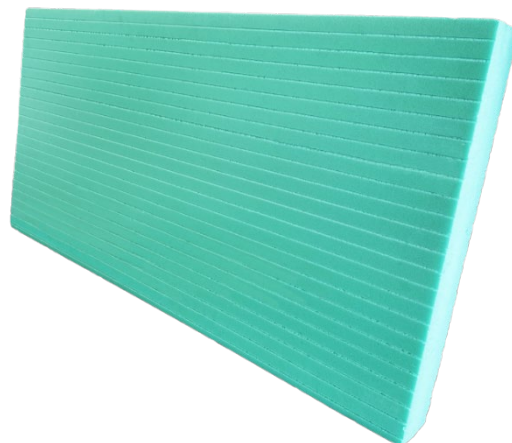


NURATHERM XPS COMBI BOARD TECHNICAL DATA SHEET

Product details

Nuratherm XPS Combi Board is a double-slotted, waterproof, high strength, extruded polystyrene panel. With closed pores, Combi Board provides a strong, lightweight and durable insulation solution that resists water absorption. The longitudinal grooves on the surface of Combi Board effectively reduce the thermal bridge effect, improve thermal insulation performance, reduce the weight of the material and facilitate water drainage.

Combi Board does not rot or decompose over time. It can also resist microorganisms in the soil.



Application

- Retaining walls
- Concrete floor insulation
- Masonry wall insulation

Installation

There are no special requirements for PPE when handling or installing Combi Board. It is an inert, non-toxic material.

Technical information

- Dimensions: 1200mm long x 600mm wide x 80mm thick
- Typical R value at 80mm: R2.67
- Thermal conduction coefficient: (GB/T 10294-1988) λ D: 0,030 W/(m·K).
- Edge finish: Straight Edge
- Bulk density: 34kg/m³
- Compressive strength: 239kPa (23.9 ton/m²)
- Tensile strength perpendicular to the board's surface: 0.27MPa
- Dimension stability 70°C \pm 2°C, 48h: Length = 1.0% Width = 1.1% Thickness = 1.2%
- Water vapour transmission coefficient: 2.8 ng/(m·s·Pa)
- Oxygen index: 31%
- Moisture Absorption Rate: 0.8

Compliance with NZBC

- B2 Durability, performance B2.3.1(a), B2.3.1(a)
- E3 Internal Moisture performance E3.3.1
- F2 Hazardous building materials performance F2.3.1(a)
- H1 Energy Efficiency performance H1.3.1(a), H1.3.2(e)

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