

Parafoam Plus

CORK-FACED RIGID URETHANE FOAM ROOF INSULATION BOARDS

Description

Parafoam Plus is a roof insulation board with a high-performance rigid urethane foam core with a glass tissue armature towards the top. The foam is manufactured without the use of CFCs or HCFCs. The top facing is of cork roof board and is laminated directly to the foam core during manufacture. The underside is faced with perforated glass-reinforced cellulose.

Use

Parafoam Plus is an efficient thermal insulation board for use under fully bonded bituminous roof waterproofing systems or mastic asphalt roofing. A tapered version is available where falls and cross falls are to be formed by the insulation.

Nominal Dimensions

Standard board dimensions:	1200 mm x 600 mm
Standard foam thicknesses (mm)*:	30, 40, 50, 60, 70, 80
Cork thickness:	20 mm

* Other thicknesses are available subject to quantity

Physical Characteristics

Typical density of foam core:	32 kg/m ³
Typical density of cork:	120 kg/m ³
Thermal conductivity (λ – value) of foam:	0.025 W/mK
Thermal conductivity (λ – value) of cork:	0.043 W/mK
Compressive strength of foam:	typically exceeds 150 kPa at 10% compression when tested to BS EN 826: 1996

Installation

Parafoam Plus must be installed in accordance with the recommendations of BS 8217: 2005 or BS 8218: 1998 as appropriate. Boards should be lightly butted with offset joints.

A vapour control layer should be installed in accordance with BS 5250: 2002 and BS 6229: 2003.

Contact Langley Waterproofing Systems Ltd for detailed specifications and fixing instructions, U-value and condensation risk calculations and tapered schemes.

Storage

Packs of **Parafoam Plus** should be stored under cover on a clean, level surface clear of the ground. Boards should not be stored in direct sunlight or in a hot environment as bowing could result.

Safety

This product is not classed as hazardous.

This document is only a guide. Langley Waterproofing Systems Ltd reserves the right to change the composition and fixing recommendations of products as a result of the evolution of knowledge and technology.

Langley Waterproofing Systems Ltd

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