A cavity wall consists of two wythes of masonry, separated by a cavity of varying dimensions. The wythes are generally tied together with corrosion resistant wall ties and are separated by an air-space and a layer of insulation board on the exterior of the inner wythe. The wythes may consist of solid brick, hollow brick, structural clay tile, solid concrete or hollow concrete units (blocks).

When it comes to selecting the best overall insulation product for cavity walls, LAMBDABOARD® is the product of choice. No other foam insulation has the perfect combination of features so important for long-term performance.
CAVITY WALL INSULATION

R-VALUE PERFORMANCE
LAMBDABOARD® has the highest R-Value per mm, therefore the design U-Value of the cavity wall system can be achieved with a minimum thickness of insulation. This in turn allows the overall carbon footprint of the building to be reduced.

MOISTURE RESISTANT
Although a cavity wall is not designed as a wet environment, a cavity wall performs by taking the small amount of water penetrating the outer wythe, draining it down the cavity face of the outer wythe to a flashing which directs the water back to the exterior. LAMBDABOARD® has a less than 3% water absorption and is the perfect choice for this environment. Refer to moisture test SABS 1381-1.

EXCELLENT DIMENSIONAL STABILITY
Temperature cycling and humidity encountered in cavity wall applications does not affect LAMBDABOARD® thermal performance.

BENEFITS
Lightweight and easy to handle.
Easy to cut and shape and can be easily detailed at the job site for proper installation
Environmentally ‘green’ choice for cavity wall applications
Easy to install and detail on site, with hand held tools

SPECIFICATION FOR BOQ
LAMBDABOARD® is a laminated polyisocyanurate core board with a minimum core density of 34 kg/m³, a minimum thickness of ___ mm; widths of 1220 mm with a ____ (Km² /W) R-Value. Finish will be kraft paper laminated on both sides. To be fixed on the inner leaf of cavity wall using galvanized cavity ties.

ENERGY SAVING
/>70%
With a rational design

LONG TERM THERMAL RESISTANCE
25 mm to 100 mm

LOW MAINTENANCE
Width: 1220 mm
Length: Cut to size
Minimum: 1350 mm

MOISTURE RESISTANCE
On cavity wall and under screed installations

Floor heating, cavity and perimeter

Members of:

Proudly produced by:

DISAVOWAL: The customer acknowledges and understands that after delivery, the goods will have left the control of Rigifoam (Pty) Ltd, and that the customer will be responsible for the unpacking of and connection/installation of the goods. The customer acknowledges that it is his/her further responsibility to ensure that a fully qualified and competent person is used to install the goods to ensure their effective operation. Failure by the customer to ensure the installation of the goods, according to the written instructions of the manufacturer and/or supplier, by a fully qualified and competent person, may result in the failure of the goods, injury, loss or damages to the customer. Accordingly, and in this event, Rigifoam (Pty) Ltd accepts no responsibility for any loss or damages that might arise by reason of death or personal injury to any person engaged in the installation or use of the goods thereafter, subject to the provisions of the Consumer Protection Act 68 of 2008.

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