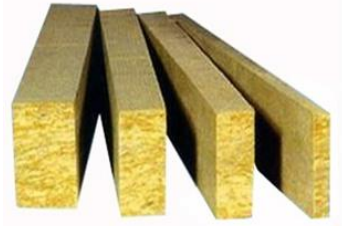


TECHNICAL DATA SHEET

Lamella – Mineral Wool Board Fire Breaks & Curved Facades

Product Code: RFL(Board thickness)



SPS ENVIROWALL PROMOTES THE RE-USE –RECYCLING AND RESPONSIBLE DISPOSING OF ALL OF ITS PRODUCT RANGE, VIA THE ENVIRONMENTAL ROCKWOOL RECYCLING SCHEMES CURRENTLY IN OPERATION DIRECT FROM SITE.

Characteristics

A high strength, mineral wool slab with a water repellent additive specifically designed primarily for fire breaks in external wall insulation systems. Fibre orientation during the manufacturing process offers advantages for ease of adhesive application and rasping on site for curved surfaces. The fibre orientation is perpendicular to the façade and so can be rasped “shaving” the fibre ends away to create a flat surface or take out the facets on a curved façade application.

Technical Data

- Outstanding thermal and acoustic properties
- Exceptional fire performance - Non-combustible – Used as Fire Breaks within SPS Envirowall’s EWI systems.
- Relies on entrapped air to provide a stable thermal performance
- Is rated as having Zero Ozone Depleting Potential and Global Warming Potential. Relying on entrapped air for its thermal properties, we are proud to say that External Wall and Facade Lamella Slabs do not contain (and have never contained) gases that have an ozone depleting potential (ODP) or global warming potential (GWP)
- External Wall slabs provide tighter contact with the existing façade and optimises thermal performance
- Easily cut and shaped
- Dimensionally stable
- Options for installation on flat and curved surfaces with Facade Lamella recommended for installation to curved surfaces
- Fibres knit together at horizontal and vertical board joints to eliminate thermal bridging
- Open cell structure allows the facade to breathe minimising the risk of condensation

Fire

Lamella Slabs are non-combustible and have a European Reaction to Fire Classification of A1 to EN 13501-1. These products will not contribute to the growth of a fire including the fully developed stage.

Thermal Conductivity

Façade Lamella Slab $\lambda = 0.042 \text{ W/mK}$

Environment

Relying on entrapped air for its thermal properties, Lamella insulation does not contain (and has never contained) gases that have ozone depleting potential (ODP) or global warming potential (GWP). It therefore complies with the relatively modest threshold of $\text{GWP} < 5$ included in documents such as the Code for Sustainable Homes.

Biological

Lamella Slabs offer no sustenance to vermin and do not encourage the growth of fungi, moulds or bacteria.



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Substrate

Substrates must be clean and dry. Loose render parts can be removed or smoothed if necessary.

Application

Facade Lamella can be both adhesively fixed and mechanically fixed.

Storage

Lamella slabs should be handled with care. They should be stored indoors or under waterproof covering. Lamella Slabs are supplied in packs or pallets. Packs on pallets can also be supplied.

Certificates/approvals

Identification

Special Information

Disposal

RECYCLING AND RESPONSIBLE DISPOSING OF ALL OF ITS PRODUCT RANGE, VIA LOCAL ENVIRONMENTAL RECYCLING SCHEMES.

Do not empty contents into the ground, water courses or drains. Check local landfill requirements for correct disposal. See the SPS Envirowall Limited Health & Safety data sheet on this product for information regarding the safe disposal of this product.

The information supplied in this Technical Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.

Our application recommendations, whether verbal, written or as graphics, are given to the best of our knowledge and the state of the art. Information about values, quantities etc. are based on approximate figures. The recommendations do not constitute a legally binding warranty of quality. In particular no liability claims may be based on these recommendations; the provisions of the product liability law remain unaffected.

The recommendations do not release the purchaser from his own duty to test the product or from his own responsibility, and in particular they do not release the purchaser from compliance with the relevant technical guidelines, regulations, DIN and laws. Publication of a revised version of this technical information sheet due to technical progress invalidates all older versions of this document.