

SOFFIT LINERBOARDS

November 2018



APPLICATIONS



DESCRIPTION

Soffit Linerboard is a laminate of a compression resistant, non-combustible glass mineral wool slab with a variety of aesthetic finishes designed to provide a robust faced solution suitable for installation in semi-exposed environments such as those associated with open sided car parks.

PERFORMANCE

Thermal	Soffit Linerboards: 0.032 W/mK.
Conductivity:	Calcium silicate board face: 3.03 W/mK.
Fire	Glass mineral wool content of Soffit Linerboard: Euroclass A1 BS EN 13501-1.
Classification:	Cement board to the face of Soffit Linerboard Extra: BS 476 Part 4

BENEFITS

- ✓ Weather tolerant
- ✓ Non-combustible
- ✓ Suitable for refurbishment
- ✓ Aesthetic finish

SPECIFICATIONS

Facing	Thickness (mm)	Length (m)	Width (mm)	Area per pack (m ²)	Thermal Conductivity (W/m.K)	R Value (m ² .K/W)	Density kg/m ²	Slabs per pack
BLACK-FS	100	120	1000	3.60	0.032	3.12	36	3
FS	100	120	1000	3.60	0.032	3.12	36	3
Unfaced	100	120	1000	3.60	0.032	3.12	36	3

All dimensions are nominal.

Bespoke Sizes

Soffit Linerboard is available in bespoke dimensions to suit specific thermal and aesthetic requirements in thicknesses from 50 to 150mm.

CERTIFICATION



SOFFIT LINERBOARDS

November 2018

ADDITIONAL INFORMATION

Application

Soffit Linerboard is used for the thermal and acoustic insulation of soffits in a wide range of both residential and non-residential buildings. The glass mineral wool element of Soffit Linerboard is non-combustible which makes it ideal for the underlining of car parks and garages. Soffit Linerboard is available in various facing materials all of which are suitable for applications where it will be installed in exposed or semi-exposed environments.

Aesthetic

Soffit Linerboards are available with a variety of facings.

- Tough, puncture resistant black tissue facing
- Cement building board (6mm)

Alternate facings are available as a bespoke product upon request and subject to a minimum order quantity.

Standards

Soffit Linerboards are manufactured in accordance with BS EN 13162, OHSAS 18001 Occupational Health and Safety Management Systems, ISO 14001 Environmental Management Systems, and ISO 9001 Quality Management Systems, as certified by Bureau Veritas.

Certification

Soffit Linerboards are certified under DCL Product Conformity, EUCEB for conformity of fibres produced with the requirements of Note Q of the Regulation (EC) No 1272.2008 of EP and EC, EUROFINS Indoor Air Quality Gold, SASO Product Conformity.

Durability

Soffit Linerboards are odourless, rot proof, non-hygroscopic, do not sustain vermin and will not encourage the growth of fungi, mould or bacteria.

Environmental

Soffit Linerboards represent no known threat to the environment and has zero Ozone Depletion Potential and zero Global Warming Potential.

Water Vapor Permeance

FS faced Soffit Liner Board have a maximum water vapor permeance of 0.02 perms as per ASTM E96, Procedure A.

Vapour resistivity

Soffit Linerboards offer negligible resistance to the passage of water vapour. The glass mineral wool element to all variants having a water vapour resistivity of 5.00MN/g.m.

Handling and storage

Soffit Linerboards are easy to handle and install, and easily cut to size where necessary. They are supplied in polythene wrap which is designed for short term protection only. For longer term protection on site, the product should either be stored indoors, or under cover and off the ground. Soffit Linerboards should not be left permanently exposed to the elements.



Knauf Insulation mineral wool products made with ECOSE Technology® benefit from a no added formaldehyde binder, which is up to 70% less energy intensive than traditional binders and is made from rapidly renewable bio-based materials instead of petroleum-based chemicals. The technology has been developed for Knauf Insulation's glass and rock mineral wool products, enhancing their environmental credentials without affecting the thermal, acoustic or fire performance. Insulation products made with ECOSE Technology® contain no dye or artificial colours.

Knauf Insulation LLC

Mussaffah ICAD 1, P.O.Box 34332,
Abu Dhabi, United Arab Emirates

Customer Service: +971 2 551 2453 Technical Support & Marketing: +971 2 551 2453 Email: technicalsupport@kei.ae

All rights reserved, including those of photomechanical reproduction and storage in electronic media. Extreme caution was observed when putting together and processing the information, texts and illustrations in this document. Nevertheless, errors cannot quite be ruled out. The publisher and editors cannot assume legal responsibility or any liability whatever for incorrect information and the consequences thereof. The publisher and editors will be grateful for improvement suggestions and details of possible errors pointed out.

KINE3659DAT - V1118

challenge.
create.
care.