

A PIR solution offering thermally efficient, acoustic, aesthetic, impact resistant soffit lining systems.

Description

A rigid polyisocyanurate foam with a range of facing options to suit project requirements.

Standard facings are Cemlux (calcium silicate), for class 0 and impact resistance. Aluminium foil for class 0 only. Other facing board available upon request.

Available with either square or bevelled edge on calcium silicate board only.

Dimensions and Colour

PIR core	
Size:	2400 x 1200 mm
Thickness:	30 mm to 200 mm (excluding facing material), thickness confirmed by Firetherm Technical
Area:	2.88 m ²
Typical weight:	Accumulated weight with 6 mm Cemlux: 33 kg per 2.88 m ² (total thickness 106 mm)

Fire Testing

- All Firetherm PIR Soffit Liner facing boards offer Class 0 fire rating. When correctly installed, the insulation will be contained between the concrete soffit and non-combustible lining board and/or non-combustible facing. Therefore the insulation will not contribute to the development stages of a fire

Features

- Lightweight
- Space saving

Applications

Ideal for new-build and refurbishment of semi-exposed soffits in car parks, office/residential blocks and also basements.

Provides a cost effective means of reducing CO₂ emissions and for compliance with Building Regulations.

Typical Framing Options

Galvanised metal framing

Varying types of framework, dependant upon site conditions. Contact Firetherm Technical for site specific advice.

Treated timber framing

Generally 75 mm x 50 mm, may be tailored for site requirements. Contact Firetherm Technical for site specific advice.

Direct fix

The most common method of fixing, fixings can vary and may affect thermal performance. Contact Firetherm Technical for site specific advice.

Typical Installation

Firetherm recommend that project-specific fixing advice is obtained from a reputable fixing manufacturer, or call Firetherm Technical for advice.

The concrete soffit should be checked by a suitably competent person prior to installation to ensure that it is suitable and structurally sound.

Fixings must be located no less than 50 mm from edges, corners and joints.

Suitable fixings to be confirmed by your fixings supplier.

Soffit liner can be fixed directly to soffit, to galvanised metal framework or pre-treated timber battens.

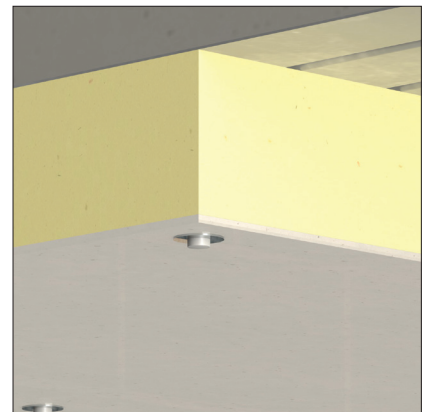
All fixing details must reflect our minimum requirements for fixing, i.e. minimum of 50 mm from all edges, corners and joints, and not exceeding 600 mm centres.

A space of 0.5 to 1 mm should be left between each board to allow for thermal expansion.

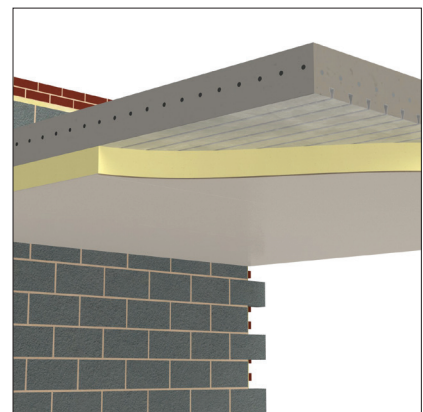
Colour variation

Natural variation will occur between batches.

Typical Details



Insulated soffit



Insulated soffit

Firetherm Intumescent & Insulation Supplies Limited
Unit F Acorn Industrial Park, Crayford Road, Crayford, Kent DA1 4FT

Phone: 01322 551010 Fax: 01322 552727 Email: sales@firetherm.com www.firetherm.com

This data sheet offers guidance related to fire testing results and does not offer methodology of the installation of the product. Suitability of this product and its usage to substrate type, service type and fire requirement must be confirmed before installation commences. A specific detail relevant to installation must be requested. Firetherm recommend that all fire stopping products should be installed by a third party accredited fire stopping contractor or competent person. Full application details and methodology instructions should be requested before installation of this product commences. Standard terms and conditions apply at all times.

