mdl Insulations LTD

MDL Soffit Slab/Soffit Slab+

Series 1680

Thermal, Fire and Acoustic insulation for concrete soffits.

MDL Soffit Slab is manufactured from a high density A1 non-combustible Rockwool slab available plain or with various facing options, for areas where impact resistance is required a 6mm A1 GP Board facing is available.

Suitable for use with concrete soffits where a Thermal and Acoustic performance is required.

- ✓ Acoustic & Thermal Performance.
- ✓ A1 Non-Combustible Rockwool Insulation.
- ✓ Thermal Conductivity 0.034W/mK.
- ✓ Optional Foil and Tissue Facings.
- ✓ Soffit Slab+ impact resistant 6mm A1 GP Board.
- ✓ Water Repellent.

British Assessment Bureau UKAS Management Systems 8289 ISO 9001 QUALITY MANAGEMENT

British Assessment Bureau UKAS Management Systems 8289 ISO 14001 ENVIRONMENTAL MANAGEMENT

ROCKWOOL

Product Description

MDL Soffit Slab is designed to be installed directly to the underside of soffits where a thermal and acoustic performance is required.

Facings available

- Black Tissue.
- White Tissue.
- Class 'O' Foil.
- 6mm A1 Impact resistant board.

MDL Soffit Slab can be used in semi exposed areas to insulate concrete soffits in car parks, office/retail developments and residential projects. Using high density A1 Non-combustible Rockwool Insulation offering a thermal conductivity of 0.034W/mk can help achieve the U Value of the overall construction whilst contributing to the fire and acoustic performance of the construction.

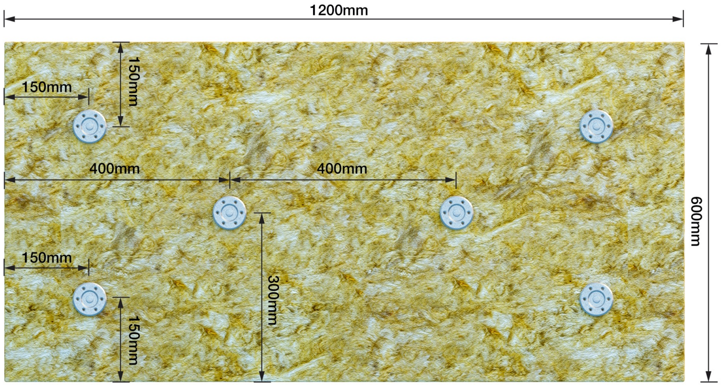
Product Information

Product Code	Thickness	Thermal Conductivity	Sheet Size	Facing
SOFFITSLAB/130/1200/600/PLAIN	130mm	0.034W/mk	1200 x 600	Plain
SOFFITSLAB/130/1200/600/BLACK	130mm	0.034W/mk	1200 x 600	Black Tissue
SOFFITSLAB/130/1200/600/WHITE	130mm	0.034W/mk	1200 x 600	White Tissue
SOFFITSLAB/130/1200/600/FOIL	130mm	0.034W/mk	1200 x 600	Class 'O' Foil
SOFFITSLAB+/136/GPA1BOARD	136mm	0.034W/mk	1200 x 600	6mm A1 GP Board (High Impact)
SOFFITSLAB/160/1200/600/PLAIN	160mm	0.034W/mk	1200 x 600	Plain
SOFFITSLAB/160/1200/600/BLACK	160mm	0.034W/mk	1200 x 600	Black Tissue
SOFFITSLAB/160/1200/600/WHITE	160mm	0.034W/mk	1200 x 600	White Tissue
SOFFITSLAB/160/1200/600/FOIL	160mm	0.034W/mk	1200 x 600	Class 'O' Foil
SOFFITSLAB+/166/GPA1BOARD	166mm	0.034W/mk	1200 x 600	6mm A1 GP Board (High Impact)
MDL Soffit Slab can be manufactured in a wide range of thicknesses in 1mm increments to suit the thermal resistance (U Value) required.				

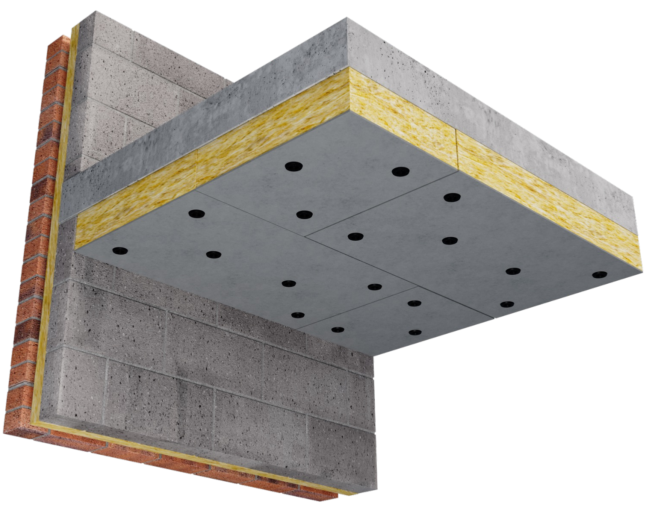
Product Installation

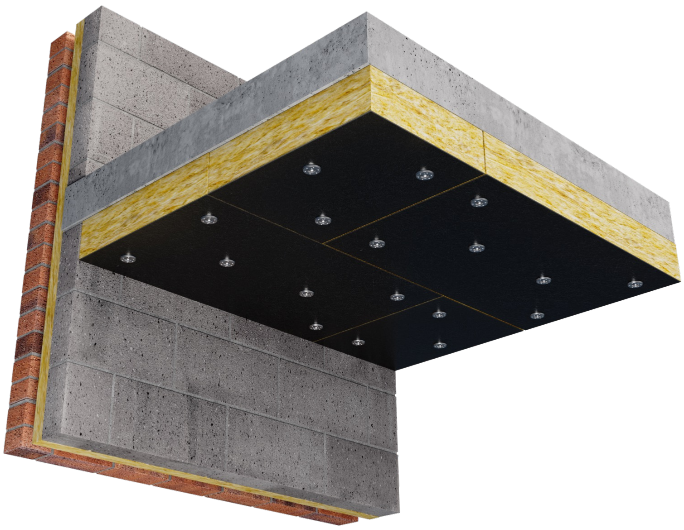
When mechanically fixing direct to a soffit use fixings and washers suitable for the substrate. Due to varying densities of concrete slabs and other construction materials, it is recommended to speak to a specialist fixing supplier to ensure the correct fixing is used.

Recommended number of fixings and fixing pattern can be found below.



Standard applications





Technical Data

MDL Soffit Slab is manufactured using a core of A1 non-combustible high density ROCKWOOL Insulation with a thermal conductivity of 0.034W/mk.

MDL Soffit Slab contributes to the overall acoustic performance of the construction due to their non-directional fibre orientation allowing airborne sound to be trapped and vibrations dampened, significantly reducing the transmission of sound through the concrete slab.

Environmental

Manufactured using stonewool slab which is 97% recyclable and classified as ZERO ODP and GWP.

Storag

MDL Soffit Slab should be stored out of the elements until it is ready to be installed.

COSHH

MDL are committed to supplying products which are both safe to install and manufactured in a safety conscious environment. We continue to assess all components used in our products to meet all the requirements of the Substances Hazardous to Health Regulations (COSHH). COSHH datasheets are available upon request for all MDL products and components used in our manufacturing processes.