

FIREZERO MULTI APP SLAB

Series 7280

Multi Application Barrier Slab

MDL Firezero Multi App Slab is manufactured from A1 non-combustible high-density Rockwool slab and faced with Class “O” reinforced foil. It is designed to prevent fire and smoke penetration, reduce airborne sound transmission and provide thermal benefits, depending on application.

- ✓ Tested to BS EN 1366-4 (2021).
- ✓ Fire resistance up to 2 hours.
- ✓ Tested vertically & horizontally.
- ✓ 3rd Party assessed and accredited.
- ✓ Suitable for cavities up to 450mm.
- ✓ Suitable for multiple applications
- ✓ Faced with reinforced Class ‘O’ foil.
- ✓ Zero ODP and GWP.



Product Description

FIREZERO Series 7280 is manufactured from a high-density A1 non-combustible ROCKWOOL slab which is factory faced on both sides with Class 'O' printed, reinforced aluminium foil.

It is designed for installation in a wide range of applications where a fire rating is required to comply with current building & fire regulations, preventing the rapid spread of flames through voids in cavity walls, ceilings voids and raised access floors. The Class 'O' foil also provides excellent resistance to smoke transmission. Series 7280 also functions as a highly effective acoustic barrier helping reduce the transmission of airborne sound through ceiling and raised access floor voids.

Series 7280 is supplied in full sheets sized 1200 x 600mm for on-site cutting, or available as pre-cut strips:

Pre-cut strips are factory cut in 1mm increments to suite the exact cavity size.

When supplied in cut strips 3 fixing brackets per 1200mm length are included.

When supplied in sheet form fixing brackets are supplied separately.

FIREZERO Intumescent & Acoustic Mastic is recommended for sealing any minor gaps and imperfections to maintain fire and acoustic performance.



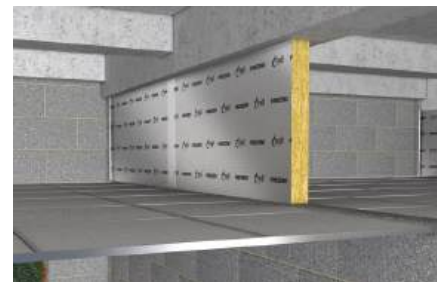
Applications

FIREZERO Series 7280 can be used in various applications such as, but not limited to, the following:

- Heads of party walls.
- Ceiling voids.
- Separating floors.
- Raised access floors.
- Cavity walls.

The system includes a range of ancillaries to aid installation and performance.

Series 7280 can be used in many more applications, please contact our technical department for advice.



Product Information

Series 7280 Multi App Slab

Product Code	Dimensions	Fire Rating Horizontal		Fire Rating Vertical		Slabs per pallet	Cavity Range
		Integrity	Insulation	Integrity	Insulation		
7280/050/1200/600	1200 x 600 x 50	120	15	120	30	90	up to 250mm
7280/075/1200/600	1200 x 600 x 75	120	120	120	60	60	up to 350mm
7280/075/1200/600	1200 x 600 x 75	n/a	n/a	120	30	60	351 - 450mm
7280/100/1200/600	1200 x 600 x 100	120	120	120	90	44	up to 350mm
7280/100/1200/600	1200 x 600 x 100	n/a	n/a	60	60	44	351 - 450mm

Series 7280 can be supplied factory cut to customer requirements.

Series 7280 Universal Fixing Bracket

Product Code	Description
UNI/STRAP/1	1mm FIREZERO Universal Fixing Bracket

Series 7280 Universal Fixing Brackets are an integral part of the system, used to maintain the integrity of the construction. Tested using 3no fixing brackets at maximum 400mm centres.

Fixing brackets are supplied flat, pre-notched to be bent into an “L” or “Z” shape on site. They can be easily cut to the required length using a pair of snips.

FIREZERO Ancillary Products

- FIREZERO Fixing Brackets.
- FIREZERO Intumescent & Acoustic Mastic.
- FIREZERO Class ‘O’ Foil Tape.



Product Installation

- Series 7280 must be installed under a minimum of 5mm compression for all applications.
- All joints, vertical and horizontal should be taped using FIREZERO Class “O” Foil Tape.
- Series 7280 Universal Fixing Brackets should be embedded to approx. 75% of the barrier width.
- Brackets should be inserted along the centre line of the barrier.
- 3no Series 7280 Universal Fixing Brackets required per 1200mm length, at maximum 400mm centres.
- Series 7280 must not be penetrated by any other mechanical or electrical services.

Installation in Cavity Walls

When used in a cavity wall any existing insulation must be cut back to allow the barrier to be installed between adjacent substrates in a continuous run. Vertical barriers should be installed first. All junctions between barrier sections should be tightly abutted and joints should be taped with FIREZERO Class ‘O’ Foil Tape.



Installation In Ceiling Voids

When used in a ceiling void the barrier is installed between adjacent substrates in a continuous run. All junctions between barrier sections should be tightly abutted and joints should be taped with FIREZERO Class ‘O’ Foil Tape. The perimeter should be sealed with a bead of FIREZERO Intumescent & Acoustic Mastic.



Installation In Raised Access Floors

When used in a raised access floor the barrier is installed between adjacent substrates in a continuous run. All junctions between barrier sections should be tightly abutted and joints should be taped with FIREZERO Class ‘O’ Foil Tape. The perimeter should be sealed with a bead of FIREZERO Intumescent & Acoustic Mastic



Please call our Technical Team for more detailed installation guidelines for any applications, or with any queries.



Technical Data

FIREZERO Series 7280 has been independently tested at Warringtonfire both vertically and horizontally to BSEN1366-4:2021 utilising the new 10:1 ratio giving Multi App Slab a fire rating up to 120 minutes.

IFC Certification undertook further assessments and deemed Series 7280 suitable for use with various boards on both timber and steel framing systems. Timber based boards must have a minimum density of 600kg/m³. Any other carrier board must have a minimum classification of A2 – s1 d0 in accordance with BS EN 13501-1. Minimum permissible thickness of board is 9mm.

The core stonewool used in the manufacturing process of Series 7280 is classified non-combustible to BS476: Part 4 (1984).

The FIREZERO printed reinforced aluminium bright foil is classified as Class 'O' to BS476 Part 6.

Meets the requirements of Approved Document B of the Building Regulations relating to sound transmission.

Complies with Building Regulations in England, Wales, Scotland and Northern Ireland.

Environmental

Manufactured using stonewool slab which is 97% recyclable and classified as ZERO ODP and GWP. Slabs are packed in polythene bags and cardboard sleeves for protection and stability during transit. Both the polythene bags and cardboard sleeves are widely recyclable.

Storage

Series 7280 should be stored dry and out of direct sunlight.

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.

Disclaimer:

The information provided in this datasheet is intended for general guidance purposes only and does not constitute professional advice. Users are advised to conduct their own tests and evaluations to determine the suitability of the product for their specific application to meet relevant fire safety standards. Use of all products should be approved by the appropriate designer under CDM 2015 regulations.

MDL Insulations Ltd. shall not be liable for any loss or damage, including but not limited to indirect or consequential loss or damage, or any loss or damage whatsoever arising from the use of this product or reliance on the information provided in this datasheet.

It is the responsibility of the user to ensure proper installation, maintenance, and compliance with relevant guidelines. By using this product, the user agrees to accept all risks associated with its use and releases the manufacturer from any liability whatsoever.



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