

FIREZERO Insulated DPC Cavity Closer

Series 2600

**Fire rated DPC cavity closer for masonry
AND framed constructions**

MDL Firezero Insulated DPC is manufactured from A1 non-combustible Rockwool insulation with a thermal conductivity of 0.037w/Mk encapsulated in a polythene sleeve complete with integral DPC.

This barrier has been designed to close the cavity around window and door openings.

- ✓ Tested to BS EN1366-4 : 2021.
- ✓ 3rd party assessed and accredited certificate number IFCC1926.
- ✓ Fire resistance up to 2 hours.
- ✓ Suitable for horizontal & vertical applications.
- ✓ Prevents cold bridging.
- ✓ Closes the cavity around windows and door openings.
- ✓ Suitable for use in a return brick/block application.
- ✓ Integral DPC (to BS6515).



Product Description

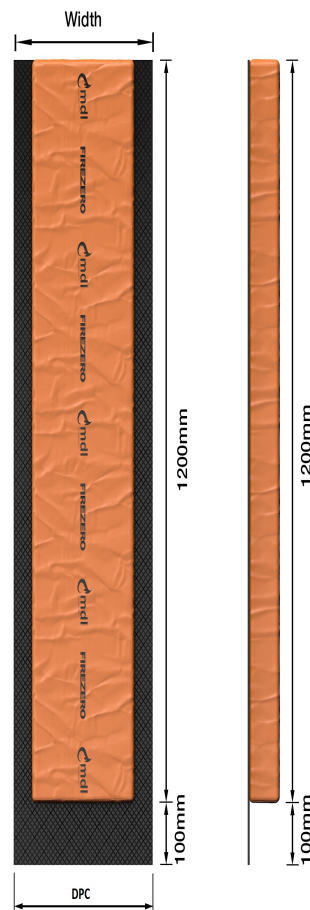
FIREZERO Series 2600 is manufactured from A1 non-combustible Rockwool insulation which is encapsulated in a polythene sleeve, complete with integral DPC. This barrier has been specifically designed for closing the cavity around window and door openings where a fire rating is required whilst reducing the cold bridging commonly found in these areas. Reducing cold bridging in these areas can reduce condensation which may in turn lead to the growth of mould or cause damage to the internal finish of the property.

Product Installation

Firezero insulated DPC is installed during the brickwork process with the DPC face against the inner side of the external leaf. Adjacent lengths are butt jointed; each length is supplied with a 100mm DPC lap. In vertical applications ensure the 100mm DPC lap is at the bottom of the barrier, adjacent lengths are installed ensuring there is a continuous run of DPC against the external substrate. When selecting the correct size for your application please allow for 10mm compression, for example 2600/020/100/168 is supplied 20mm thick allowing for 10mm compression in a 10mm void standard width are 100mm and 140mm to mirror the width of the return brick/block. Bespoke sizes are available on request.

Product Information

Product Code	Thickness	Width	DPC	Length
2600/020/100/168	20mm	100mm	168mm	1200mm
2600/030/100/168	30mm	100mm	168mm	1200mm
2600/040/100/168	40mm	100mm	168mm	1200mm
2600/050/100/168	50mm	100mm	168mm	1200mm
2600/060/100/168	60mm	100mm	168mm	1200mm
2600/070/100/168	70mm	100mm	168mm	1200mm
2600/080/100/168	80mm	100mm	168mm	1200mm
2600/090/100/168	90mm	100mm	168mm	1200mm
2600/100/100/168	100mm	100mm	168mm	1200mm
2600/020/140/225	20mm	140mm	225mm	1200mm
2600/030/140/225	30mm	140mm	225mm	1200mm
2600/040/140/225	40mm	140mm	225mm	1200mm
2600/050/140/225	50mm	140mm	225mm	1200mm
2600/060/140/225	60mm	140mm	225mm	1200mm
2600/070/140/225	70mm	140mm	225mm	1200mm
2600/080/140/225	80mm	140mm	225mm	1200mm





Technical Data

FIREZERO Insulated DPC has been independently tested at Warringtonfire both vertically and horizontally to BS EN 1366-4:2021 utilising the new 10:1 ratio giving the insulated DPC a fire rating up to 120 minutes. The polythene used to encapsulate this product is not classified as non-combustible. IFC Certification undertook further assessments and deemed Series 2600 suitable for use with various boards on both timber and steel framing systems. Timber based boards must have a minimum density of 500kg/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 boards is 9mm. Meets the requirements of Approved Document E of the Building Regulations relating to sound transmission. Complies with Building Regulations in England, Wales, Scotland and Northern Ireland. The integral DPC of Series 2600 is suitable for various applications as defined in appendix D of BS6515 : 1984.

Environmental

Manufactured using stonewool slab which is 97% recyclable and classified as ZERO ODP and GWP. The DPC is manufactured using 85% recycled Polyethylene (PE) which is the most commonly used and recycled plastic material. Series 2600 is packed in polythene bags and cardboard sleeves for protection and stability during transit. Both the polythene bags and cardboard sleeves are widely recyclable.

Storage

MDL Series 2600 are supplied in polythene packs and should be stored out of the elements until it is ready to be installed. It is not recommended the packs are stored outside uncovered over night or during colder months.

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.



T: 01543 450311

F: 01543 450885

E: sales@mdlinsulations.co.uk

W: www.mdlinsulations.co.uk

Villa Works, 1 Plant Lane Business Park, Burntwood, Staffordshire WS7 3GN