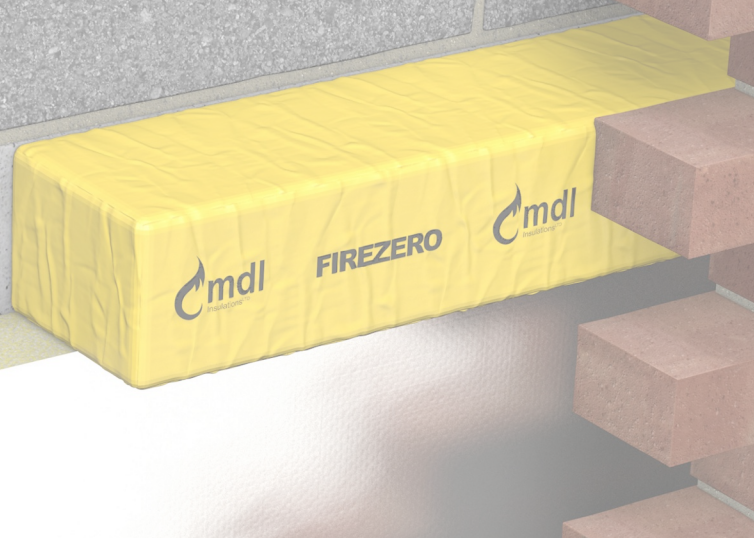


FIREZERO Multi Sock SP

Series 2000/SP

Cavity Barrier for Masonry AND Frames Constructions

MDL Firezero Multi Sock SP is manufactured from A1 non-combustible Rockwool insulation and encapsulated in a coloured polythene sleeve. This barrier has been specifically designed to prevent fire penetration, reduce sound transmission and help maintain thermal integrity in external walls.

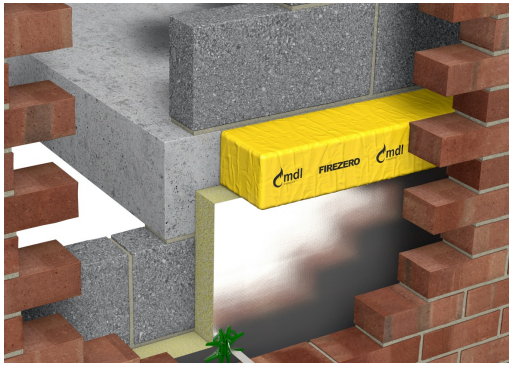


- ✓ Tested to BS EN1366-4:2021.
- ✓ 3rd party assessed & accredited certificate number IFCC 1926.
- ✓ Fire resistance up to 2 hours.
- ✓ Available for cavity widths 25 – 300mm.
- ✓ Suitable for horizontal & vertical applications.
- ✓ Meets requirements of Approved Document B.
- ✓ Meets requirements of Robust Detail Part E.
- ✓ Zero ODP and GWP.
- ✓ Colour coded.



Installation

Masonry Construction



FIREZERO Multi Sock SP is designed to be compression fitted into the cavity wall during the brickwork process, no additional fixings are required.

The barrier is designed to fully fill the cavity so it is essential to ensure the correct size barrier has been selected for the cavity width, and a minimum of 10mm compression is achieved upon completion.

Any cavity insulation must be cut back to ensure compression of the barrier is maintained between the inner and outer leaf.

Attention must be paid at joints to ensure they are tightly butt jointed and maintain a continuous fire seal.

If any gaps are present or the Multi Sock is damaged in any way this could result in a reduction of the stated performance.

Framed Construction



FIREZERO Multi Sock SP is designed to be compression fitted into the cavity wall and is initially fixed through the polythene flanges using staples or clout nails at 150/200mm centres.

When the brickwork is complete the barrier is held in the cavity under a minimum of 10mm compression.

For vertical installation both flanges are fixed to the inner leaf.

For horizontal installation only the upper flange requires fixing.

All Constructions

Windows & Doors

Around apertures it is recommended that the horizontal barrier should overlap the vertical barrier.

Cut To Length

Open the polythene sleeve end seal.
Remove the barrier, cut to length and return to sleeve.
Trim excess polythene and reseal, or use it to weather an adjacent sock joint.

End of Run / Corners

The barrier should be cut to the required length and tightly butt jointed. Barriers must not be bent around corners.



Note: For Party Wall Junctions MDL Series 2500 or Series 3300 should be used.

Product Information

Masonry to Masonry. Masonry to Framed Construction:

Product Code	Sock Size (1200mm length)	Lengths Per Pack	Sleeve Colour	Packs Per Pallet	Cavity Size	Fire Rating Horizontal		Fire Rating Vertical	
						Integrity	Insulation	Integrity	Insulation
2000/SP/050x110	50 x 110	24	BLUE	20 Bags	25-39mm	120	120	120	60
2000/SP/065x110	65 x 110	18	PINK	20 Bags	40-50mm	120	120	120	60
2000/SP/075x110	75 x 110	20	PINK	16 Bags	51-65mm	120	60	120	120
2000/SP/085x110	85 x 110	14	PINK	20 Bags	66-75mm	60	60	90	60
2000/SP/100x110	100 x 110	15	PURPLE	16 Bags	76-90mm	60	60	90	60
2000/SP/110x110	110 x 110	10	GREEN	20 Bags	91-100mm	60	60	90	60
2000/SP/120x110	120 x 110	10	WHITE	20 Bags	101-110mm	60	60	90	60
2000/SP/130x110	130 x 110	12	RED	15 Bags	111-120mm	60	60	90	60
2000/SP/140x110	140 x 110	12	RED	15 Bags	121-130mm	60	60	90	60
2000/SP/150x110	150 x 110	8	YELLOW	20 Bags	131-140mm	60	60	90	60
2000/SP/160x110	160 x 110	8	YELLOW	20 Bags	141-150mm	60	60	90	60
2000/SP/170x110	170 x 110	5	YELLOW	28 Bags	151-160mm	60	60	90	60
2000/SP/180x110	180 x 110	5	YELLOW	28 Bags	161-170mm	60	60	90	60
2000/SP/190x110	190 x 110	6	YELLOW	20 Bags	171-180mm	60	60	90	60
2000/SP/200x110	200 x 110	6	GREY	20 Bags	181-190mm	60	60	90	60
2000/SP/210x110	210 x 110	6	GREY	20 Bags	191-200mm	60	60	90	60
2000/SP/220x110	220 x 110	5	PURPLE	20 Bags	201-210mm	30	30	30	30
2000/SP/230x110	230 x 110	5	PURPLE	20 Bags	211-220mm	30	30	30	30
2000/SP/240x110	240 x 110	5	PURPLE	20 Bags	221-230mm	30	30	30	30
2000/SP/250x110	250 x 110	5	PURPLE	20 Bags	231-240mm	30	30	30	30
2000/SP/260x110	260 x 110	5	PURPLE	16 Bags	241-250mm	30	30	30	30
2000/SP/270x110	270 x 110	5	PURPLE	16 Bags	251-260mm	30	30	30	30
2000/SP/280x110	280 x 110	4	PURPLE	20 Bags	261-270mm	30	30	30	30
2000/SP/290x110	290 x 110	4	PINK	20 Bags	271-280mm	30	30	30	30
2000/SP/300x110	300 x 110	4	PINK	20 Bags	281-290mm	30	30	30	30

FIREZERO MULTI SOCK SP standard length is 1200mm.



Technical Data

FIREZERO Multi Sock SP has been independently tested at Warrington fire both vertically and horizontally to BS EN 1366-4:2021 utilising the new 10:1 ratio giving the Multi Sock SP a fire rating up to 120 minutes. IFC Certification undertook further assessments and deemed Multi Sock SP 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. The polythene used to encapsulate this product is not classified as non-combustible.

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 **Environmental.**

Environmental

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

Multi Sock SP 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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