

MDL Firezero Polythene Encapsulated Ceiling Pads

Series 4100 Acoustic (ROCKWOOL) and
Series 4200 Thermal (Glass Mineral Wool).

Encapsulated in self-extinguishing recycled polythene, designed to be installed above suspended ceilings to improve the acoustic and thermal properties of the ceiling system.

- ✓ Acoustic Ceiling Pads are manufactured using a core of ROCKWOOL Slab.
- ✓ Thermal Ceiling Pads are manufactured using a core of Glass Mineral Wool Roll.
- ✓ Available 600 x 600 or 1200 x 600 (Bespoke Sizes Available).
- ✓ Polythene encapsulated to prevent fibre migration.
- ✓ A1 non-combustible core material in accordance with BS EN 13501-1.
- ✓ Density options available.



Product Information

Series 4100 Acoustic Ceiling Pads

| Product Code | Colour | Qty per Pallet | Product Description 600 x 600 (Acoustic) |
|-------------------|--------|----------------|--|
| 4100/025/600/600 | BLACK | 360 | Rockwool (45KG) Acoustic Poly Pad 600x600x25mm |
| 4100/030/600/600 | BLACK | 300 | Rockwool (45KG) Acoustic Poly Pad 600x600x30mm |
| 4100/040/600/600 | BLACK | 224 | Rockwool (45KG) Acoustic Poly Pad 600x600x40mm |
| 4100/050/600/600 | BLACK | 180 | Rockwool (45KG) Acoustic Poly Pad 600x600x50mm |
| 4100/060/600/600 | BLACK | 148 | Rockwool (45KG) Acoustic Poly Pad 600x600x60mm |
| 4100/075/600/600 | BLACK | 120 | Rockwool (45KG) Acoustic Poly Pad 600x600x75mm |
| 4100/100/600/600 | BLACK | 88 | Rockwool (45KG) Acoustic Poly Pad 600x600x100mm |
| Product Code | Colour | Qty per Pallet | Product Description 600 x 600 (Acoustic) |
| 4100/025/1200/600 | BLACK | 180 | Rockwool (45KG) Acoustic Poly Pad 1200x600x25mm |
| 4100/030/1200/600 | BLACK | 150 | Rockwool (45KG) Acoustic Poly Pad 1200x600x30mm |
| 4100/040/1200/600 | BLACK | 112 | Rockwool (45KG) Acoustic Poly Pad 1200x600x40mm |
| 4100/050/1200/600 | BLACK | 90 | Rockwool (45KG) Acoustic Poly Pad 1200x600x50mm |
| 4100/060/1200/600 | BLACK | 74 | Rockwool (45KG) Acoustic Poly Pad 1200x600x60mm |
| 4100/075/1200/600 | BLACK | 60 | Rockwool (45KG) Acoustic Poly Pad 1200x600x75mm |
| 4100/100/1200/600 | BLACK | 44 | Rockwool (45KG) Acoustic Poly Pad 1200x600x100mm |

Series 4200 Acoustic Ceiling Pads

| Product Code | Colour | Qty per Pallet | Product Description 600 x 600 (Thermal) |
|-------------------|--------|----------------|---|
| 4200/050/600/600 | BLACK | 420 | Knauf (Glass) Thermal Poly Pad 600x600x50mm |
| 4200/100/600/600 | BLACK | 420 | Knauf (Glass) Thermal Poly Pad 600x600x100mm |
| 4200/150/600/600 | BLACK | 280 | Knauf (Glass) Thermal Poly Pad 600x600x150mm |
| 4200/200/600/600 | BLACK | 180 | Knauf (Glass) Thermal Poly Pad 600x600x200mm |
| 4200/250/600/600 | BLACK | | Knauf (Glass) Thermal Poly Pad 600x600x250mm |
| 4200/300/600/600 | BLACK | | Knauf (Glass) Thermal Poly Pad 600x600x300mm |
| Product Code | Colour | Qty per Pallet | Product Description 600 x 600 (Thermal) |
| 4200/050/1200/600 | BLACK | 210 | Knauf (Glass) Thermal Poly Pad 1200x600x50mm |
| 4200/100/1200/600 | BLACK | 210 | Knauf (Glass) Thermal Poly Pad 1200x600x100mm |
| 4200/150/1200/600 | BLACK | 140 | Knauf (Glass) Thermal Poly Pad 1200x600x150mm |
| 4200/200/1200/600 | BLACK | 90 | Knauf (Glass) Thermal Poly Pad 1200x600x200mm |
| 4200/250/1200/600 | BLACK | | Knauf (Glass) Thermal Poly Pad 1200x600x250mm |
| 4200/300/1200/600 | BLACK | | Knauf (Glass) Thermal Poly Pad 1200x600x300mm |

Bespoke sizes can be manufactured to suit your requirements.



Application Instructions

Polythene encapsulated ceiling pads are designed to be installed above suspended ceilings to enhance the acoustic and thermal performance of the overall system.

Series 4100 offer both acoustic and thermal properties to the system, manufactured from a core of ROCKWOOL slab this range offers a thermal conductivity of 0.035W/mk whilst reducing room to room sound attenuation.

Series 4200 offer thermal properties to the system, manufactured from a core of Glass Mineral Wool this range offers a thermal conductivity of 0.044W/mk. Series 4200 should be installed as soon as they are received, excessive time in the compressed packaged form may affect the core material ability to recover fully.

Coverage

| | |
|------------------------|---|
| Product Size: 600x600 | M ² Per Pad: 0.36/m ² |
| Product Size: 600x1200 | M ² Per Pad: 0.72/m ² |

Storage

MDL Series 4100 & 4200 should be stored dry and out of direct sunlight. 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.



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