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FIREZERO THERMALZERO ACOUSTISOUNDZERO ACOUSTICFIREZERO VIBROZERO HYGENAZERO

**ACOUSTICFIRE ZERO
 COATED BATT SERIES 1510**

PRODUCT DESCRIPTION

Our 1510 series **ACOUSTICFIRE ZERO** coated batt consists of a standard 1200 x 600mm high density mineral wool core which has a factory applied white ablative coating both sides. When the batt is installed at normal temperatures the coating remains flexible to permit thermal and mechanical movement. The density of the mineral wool core and the acoustic reflectiveness of the coating means the product achieves high dB reductions as well as offering up to 6 hours fire resistance.

PRODUCT FUNCTION

ACOUSTICFIRE ZERO coated batt is primarily designed to achieve three important construction criteria:

1. To prevent the passage of fire through voids in walls floors and ceilings and allow where necessary easy service penetration
2. To maintain the acoustic integrity of the wall, floor or ceiling.
3. To allow service penetration to be added and removed easily without affecting the acoustic or fire performance of the barrier.

ENVIRONMENT

Manufactured from volcanic rock mineral which creates a wool slab. The rock insulation does not contain gases which have ozone depleting potential (ODP) or global warming potential (GWP) thus compiling and exceeding the relatively modest thresholds of **GWPL5** and **BREEM** regulations included in documents such as the code for sustainable homes.

TECHNICAL DATA

The rock mineral wool core used to produce the **ACOUSTICFIRE ZERO** coated batt is non combustible to BS476: part 4 (1984). Our products are all tested and certificated to BS 476 part 20/22 and BS EN 1366 part 3. BE EN 1363-1, BS EN 14501-2. **ACOUSTICFIRE ZERO** coated batt can achieve up to 60dB reduction of the transmission of sound dependant upon application, correct fitting and the size of the voids where the product is fitted.

Product Ref	Size
1510/060/1200/600	1200 x 600 x 50mm
1510/075/1200/600	1200 x 600 x 75mm (sp)
1510/100/1200/600	1200 x 600 x 100mm (sp)
1510/120/1200/600	1200 x 600 x 120mm (sp)

SP = Non Standard made to order

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Due to our Policy of continual improvement the data given is for guidance only, results shown are obtained under test conditions and results may vary dependent to site conditions. It is the buyers responsibility to confirm suitability for their application with their designers. No responsibility for unsuitability will be accepted by MDL INSULATIONS LTD.

ACOUSTICFIREZERO



APPLICATION DETAIL

ACOUSTICFIRE ZERO coated batt should be fixed wherever possible under 2% compression e.g. where is 300mm the product should be cut at 306mm. Where the slab butts up to another slab on a continual run the butt joints must have two beads of acoustic fire mastic IF/M applied to the edge before butting together. The joints must be pushed together as tightly as possible. To ensure the integrity of the acoustic and fire seal the acoustic fire mastic IF/M must be applied to all perimeters and joints of both sides of the structure.

Where services penetrate the **ACOUSTICFIRE ZERO** coated batt a coating of acoustic fire zero fire mask must be applied around the service pipe following fitting.

All plastic pipes such as PVC and ABS must have a **PASSIVEZERO** fire sleeve wrapped around them to ensure the integrity of the **ACOUSTICFIRE ZERO** coated batt is not breached. To maintain the fire integrity of copper or steel pipes penetrating the batt, these must be sealed both sides with **FIREZERO** fire mastic.

If mechanical support is required due to the size of the void this mainly applies to uses in floors then a range of metal straps are available in three sizes supplied pre-drilled and pointed for ease of fixing.

Product Ref	Length
MAS/SM/STRAP	225mm
MAS/MED/STRAP	325mm
MAS/LRG/STRAP	450mm

STANDARDS

MDL Insulations Ltd are accredited with ISO 14001 and ISO 9001 with a certificate no: 40007207 Our core mineral wool products are manufactured in accordance with BSI Quality Assurance Standard BS EN ISO 9001:2000 and Product Standard EN 13162 and CE marked and certified where appropriate.

