

FIRE RATED BOARD



- Provides up to 4 hours fire resistance
- Acoustic performance
- Lightweight & easy to install
- Suitable for complex service penetrations
- Economical



abesco

h i g h p e r f o r m a n c e f i r e s t o p p r o d u c t s

WHAT ARE ABESCO FIRE RATED BOARDS?

Abesco Fire Rated Boards are designed to prevent the spread of fire from one compartment to another where mechanical and electrical services penetrate separating walls and floors, and provide up to 4 hours fire resistance.

Abesco Fire Rated Boards consist of a high density mineral fibre slab which is factory pre-coated with a water based, fire resistant coating. When used in conjunction with Abesco fire rated coating and mastic, the boards provide an effective fire barrier for large multiple-service openings.

WHY USE ABESCO FIRE RATED BOARDS?

- Comprehensively tested and assessed by independent authorities in accordance with BS476 part 20 and BS EN1366-3 for up to 4 hours fire resistance
- Ease of installation - dry trade
- Lightweight
- Simple retro-fitting of additional services
- Tested for acoustic performance

WHERE TO USE ABESCO FIRE RATED BOARDS

Abesco Fire Rated Boards are suitable for use in any building which has single or multiple services penetrating fire rated compartment walls and floors. Typical types of building where Abesco Fire Rated Boards are commonly used are:

- Retail Stores and Shopping Centres
- Communication and Broadcasting Facilities
- Commercial Buildings
- Power Stations and Control Rooms

Abesco Fire Rated Boards can be used in walls or floors. (For installation details please refer to technical data sheet).

HOW DO ABESCO FIRE RATED BOARDS WORK?

When exposed to the heat of a fire, the excellent thermal insulation properties of Abesco Fire Rated Boards provide an effective barrier, preventing the passage of fire and elevated temperatures.

The fire resistant coating and mastic seal around services and board joints provide a further barrier to the passage of cold smoke.

HOW TO SPECIFY ABESCO FIRE RATED BOARDS

"Supply and install Abesco Fire Rated Boards to provide up to (1, 2, 3 or 4) hours fire resistance to all floor / wall openings. Installation to be in accordance with the manufacturers recommendations."

Supplied by: Abesco Ltd, Abesco House, Laurencekirk Business Park, Laurencekirk, AB30 1EY, UK.

ABESCO FIRE RATED COATING AND MASTIC

The use of Abesco Fire Rated Coating and Mastic is an essential element in the performance of the system. The mastic provides an ideal medium for filling the small gaps between cables, pipes etc. thus contributing to the effectiveness of the fire and smoke sealing performance.

The Fire Rated Coating is used to coat the services, the edges of all openings, and the cut edges of the Fire Rated Boards to ensure that the system is adequately bonded together and to the substrate so as to form an effective fire barrier.

OTHER ABESCO PRODUCTS

Abesco supply a wide range of firestopping products which provide the specifier or engineer with solutions to most passive fire protection problems experienced on site.

- Pipe Collars and Wraps for plastic pipes
- Fire Rated Movement Joints
- Fire Rated Mortar
- Protecta System - intumescent paint for structural steel protection
- Fire Rated Mastics
- Fireclamps - transits for cable trays and trunking

NON STANDARD MANUFACTURING AND TESTING

Abesco products can be manufactured to meet project specific requirements where standard production specifications may not fulfil all a client needs. For example, size and fixing variations can be accommodated, and special design facilities are available.

Project specific fire testing can be arranged for particular site configurations.

HOW DO I ORDER?

Your local supplier is:

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