

Fire Rated Mortar



- Provides up to 4 hours fire resistance
- Expands during cure
- Easy to mix and install
- Contains no asbestos or halogens
- A non-spalling fire seal



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 IS FIRE RATED MORTAR?

Abesco Fire Rated Mortar is a lightweight mortar compound which is designed to prevent the spread of fire from one compartment to another where services penetrate separating walls and floors, and provides up to 4 hours fire resistance.

Abesco Fire Rated Mortar consists of a specially blended powder which is supplied in easy to handle paper sacks. When mixed with water, Abesco Fire Rated Mortar forms a trowelable or pourable mixture which is easy to install and has excellent workability characteristics.

WHY USE ABESCO FIRE RATED MORTAR?

- Tested and assessed by independent authorities in accordance with BS 476 part 20, ASTM E-814 (UL 1479), prEN1366-3 and AS4072 for up to 4 Hours fire resistance
- Can provide a loadbearing seal when used with suitable reinforcement
- Easy to install
- Simple retro-fitting of additional services

WHERE TO USE ABESCO FIRE RATED MORTAR

Abesco Fire Rated Mortar is particularly suitable for reinstating compartment floors where HVAC ducts, pipes and electrical services have been installed. Small holes and imperfections of fit can easily be "made good" using Abesco Fire Rated Mortar.

Typical buildings where Abesco Fire Rated Mortar is commonly used are:

- Multi-story buildings with service risers
- Communication and Broadcasting Facilities
- Hospitals, Hotels and Apartment Blocks
- Power Stations and Control Rooms

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

HOW DOES ABESCO FIRE RATED MORTAR WORK?

When exposed to the heat of a fire, the excellent thermal insulation properties of Abesco Fire Rated Mortar provides an effective barrier, preventing the passage of fire and smoke. Unlike sand and cement mortars or concrete, the special formulation resists shrinkage and cracking, and is not subject to spalling in a fire situation.

During installation and the curing process, Abesco Fire Rated Mortar actually expands ensuring that an excellent seal is possible even in irregular openings.

HOW TO SPECIFY ABESCO FIRE RATED MORTAR

"Supply and install Abesco Fire Rated Mortar to provide up to (1, 2, 3 or 4) hours fire resistance to 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.

USING OTHER ABESCO PRODUCTS WITH ABESCO FIRE RATED MORTAR

Other Abesco Fire Rated products can easily be used in conjunction with Abesco Fire Rated Mortar. For example, where plastic pipes are installed in a service riser with other services, Abesco Pipe Collars or Abesco Fire Wraps can be used with the Mortar to provide the required fire rating.

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.

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

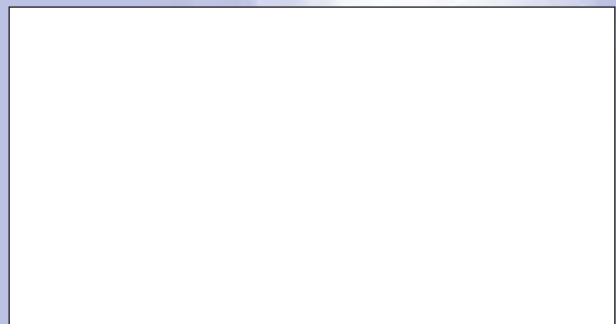
NON STANDARD MANUFACTURING AND TESTING

Abesco products can be manufactured to meet project specific requirements where standard production specifications may not fulfil 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 TO ORDER

Your local supplier is:



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