

# PROTECTA® EX MORTAR

Protecta® EX Mortar is a dry white powder consisting of inorganic compounds and perlite. When mixed with water the compounds form a highly thermal insulating fire seal to prevent the spread of fire and smoke through openings in fire rated walls and floors, including openings formed to accommodate building service penetrations.

Protecta® EX Mortar expands by up to 1% by hydraulic action during curing ensuring a very tight seal around service penetrations and the surrounding construction. Protecta® EX Mortar has a rapid setting time and is easy to sand or drill after cure. The compound dries to an off-white colour which may be painted if required.

## Main Uses

The intended use of Protecta® EX Mortar is to reinstate the fire resistance performance of flexible wall, rigid wall and floor constructions where they are penetrated by various cables and metallic pipes.



## BENEFITS:

- 4 HOUR FIRE RATING
- VERSATILE ONE PRODUCT SOLUTION
- EASY TO APPLY IN ANY INSTALLATION



CONSTRUCTION



FIRE  
RATED



QUICK  
DRYING



INTERIOR



## PASSIVE FIRE PROTECTION

Protecta®

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# PROTECTA® EX MORTAR

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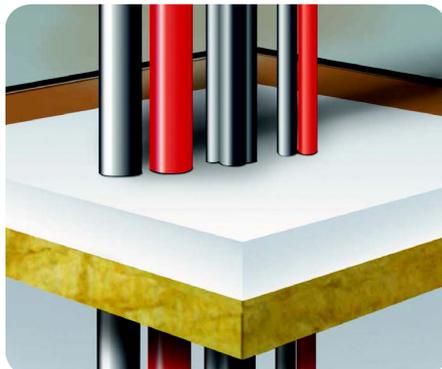
Certificate no.  
UL-EU-00911



Certificate no.  
UAE-283



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## ALL IN ONE

**Protecta® EX Mortar** has been subject to the most stringent testing with approval for both fire compartment reinstatement and load bearing. This in conjunction with a vast array of penetrating service installations both within new build and refurbishment sectors. For instance, large cables, cables bundles, a wide variety of pipes from plastic to steel, copper and aluapex, whether insulated or un-insulated.

## FASTER INSTALLATION

**Protecta® EX Mortar** is a high performance load bearing compound, tested with a vast array of penetrations whether through wall or floor, from depths of as little as 50mm upward. This fast curing workable self-leveling mortar is one of the best of its kind, providing safe usable working areas in a fraction of the time of its competitors.

## LOAD BEARING WITHOUT REINFORCEMENT

**Protecta® EX Mortar** has great strength and adhesion properties with unparalleled impact testing and the ability to withstand loads of up to 15kN concentrated load and 500nm serviceability. It is not to be confused with normal mortars which shrink on curing and are therefore not suitable for reinstating fire separating floor installations.

## SOUND RESISTANT

**Protecta® EX Mortar** is designed to resist not just the passage of fire but also the ever more prevalent issue of sound insulation and attenuation. Using **Protecta EX Mortar**, reductions of up to 64dB have been achieved. However, varying degrees of sound reduction can be achieved employing **Protecta's** wide and adaptable range of complimentary products.

Contact Details:

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# Protecta®

The best choice to protect against  
the spread of fire