



MASFIRE - SHIELD

MASFIRE-SHIELD is a cement based spray-applied fire resistive material (SFRM) designed to provide fire resistive ratings for structural steel and concrete in commercial construction.

Applied directly to steel beams, columns and deck, or to concrete surfaces, this product's outstanding value and proven fire resistive performance make it an excellent choice for concealed commercial environments.

THERMAL PROPERTIES

The unique formulation of **MASFIRE-SHIELD** makes it a very effective thermal insulator. This benefit is important in reducing heat loss, particularly when applied to the underside of a roof deck, which may allow a reduction in roof insulation.

ACOUSTICAL PROPERTIES

As an efficient sound-absorbing material, **MASFIRE-SHIELD** adds value to the fire protection application in areas where high-noise levels are anticipated. Typical acoustical performance is as follows:

Product Thickness Base NRC Rating*

MASFIRE-SHIELD 1/2 inch(13mm) Deck & Beam 0.75

MASFIRE-SHIELD 1 inch(25 mm) Solid 0.75

MAJOR SPECIFICATIONS

MASFIRE-SHIELD

Test have resulted in ratings of up to 4 hours for:

Floor Assemblies

Beams

Joists

Columns

Roof Assemblies

Walls and Partitions

MASFIRE-SHIELD has also been tested in accordance with ASTM E84 and has the following Surface

Burning Characteristics:

Flame Spread.....0

Smoke Developed.....0

The above information is given to the best of our knowledge based on laboratory test and practical experience. However, as the paint is often used under condition beyond our control, we cannot guarantee anything but the quality of the paint itself. We reserve the right to change the given data without prior notice.

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