



1. PRODUCT NAME: Classic 5 MD

2. PRODUCT DESCRIPTION: Schundler **Classic 5 MD** is a cementitious, inorganic fireproofing product designed to be mixed with clean, potable water and then spray applied to interior structural steel columns and beams, joists, girders, walls, roofs, steel decking, floors, and concrete surfaces. It is a blend of gypsum and vermiculite and other time-tested ingredients, and has been tested and approved for fire resistance ratings up to 4 hours.

3. PRODUCT FEATURES:

- Listed and classified by Underwriters Laboratories, Inc. (see design listings)
- Time-tested traditional (classic) formula of asbestos-free, non-combustible vermiculite and gypsum.
- No mineral wool or mineral fibers, no alum or chloride required, no styrene or similar organic aggregates that will burn or give off gases during combustion.
- Ready to use with no need for other additives, ingredients, or products.
- User friendly—easy to use.
- Can be sprayed to different thicknesses depending on desired rating and assembly being fireproofed.

4. LIMITATIONS:

- **Classic 5 MD** can be used on exterior surfaces with limited exposure to weather.
- **Classic 5 MD** can be used applications where it will be exposed to limited physical abuse.
- **Classic 5 MD** does not promote corrosion.
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5. INSTALLTION:

- Surfaces that are sprayed with **Classic 5 MD** must be free of oil, grease, loose scale or other substances that may impair adhesion. Hangers, clips or other attachments must be in place before **Classic 5 MD** is sprayed.
- Any material that is damaged by other trades should be repaired before the job is considered completed.

6. PHYSICAL PROPERTIES

Property/Test	Result/Value
Density	22-23 pcf
Color	gray-tan
Combustibility	non-combustible
Flame Spread	10
Smoke Developed	0
Shrinkage	< 0.5%
Shelf Life	9 months if kept dry
Corrosion	non-corrosive

7. UL FIRE RESISTANCE CERTIFICATIONS AND CLASSIFICATIONS:

Most Frequently Used UL Designs	
Columns	Design No. Y726 & Y727
Roof Assembly Protected Roofs, Ceilings	Design No. P743
Floor Ceiling Assembly Protected Floor, Ceiling Unprotected Floor, Ceiling	Design Nos. D787 & D943 Design No. D787 Design No. D943

8. City of New York/Department of Buildings: Classic 5 MD has been approved for use in NYC: MEA 411-03-M

9. MANUFACTURER: Schundler Classic 5 MD is manufactured by:

The Schundler Company
150 Whitman Avenue
Edison, NJ 08817

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732-287-2244
732-287-4185 (fax)

The Schundler Company has been providing perlite and vermiculite aggregates to the plastering and fireproofing industries since it started, and has been manufacturing a variety of fireproofing products for over ten years.

Please visit our web site at www.schundler.com to read more about the company and its products.