

SECTION 07 81 00 - APPLIED FIREPROOFING

PART 1 - GENERAL

1.1 SYSTEM REQUIREMENTS

- A. Design Requirements:
 - 1. Sprayed fire-resistive material (SFRM) to be wet, cementitious type containing no asbestos.

PART 2 - PRODUCTS

2.1 MATERIALS

- A. Fire-Resistance Design: Tested according to ASTM E 119 or UL 263. Steel members are considered unrestrained.
- B. Standard Density SFRM: For interior use unless noted otherwise:
 - 1. Density: Not less than 15 lb/cu. ft. and as specified in the approved fire-resistance design.
 - 2. Fungus resistant.
- C. Medium Density SFRM: For interior use at all buildings classed as high-rise construction, elevator shafts and mechanical rooms:
 - 1. Density: Not less than 22 lb/cu. ft. and as specified in the approved fire-resistance design.
 - 2. Fungus resistant.
- D. High Density SFRM: For interior use in high abrasion area and protected exterior use:
 - 1. Density: Not less than 40 lb/cu. ft. and as specified in the approved fire-resistance design.
 - 2. Fungus resistant.
 - 3. Topcoat: Smooth-toweled cementitious.

PART 3 - EXECUTION (Not Applicable)

END OF SECTION 07 81 00