078100-H: APPLIED FIREPROOFING (07811-H)

GENERAL

In general, follow the guidelines below when designing and specifying sprayed fire-resistant materials. Unless specifically indicated otherwise, these guidelines are not intended to restrict or replace professional judgment.

DESIGN REQUIREMENTS

1. General: Sprayed fire resistant materials are applied based on the level of protection required to meet levels specified in the relevant codes. Application types and thicknesses vary based on the level of protection required and the size of the members being protected.

2. The University Health System generally prefers the use of cementitious sprayed-on materials rather than fibrous types, due to durability and adhesion. Especially in areas where air movement is a factor, air-stream erosion is less problematic than with spray cellulosic or mineral fiber. However, certain types of UL designs may mandate cellulosic or mineral-fiber installations for required levels of protection. Coordinate with the Design Manager for employment of different systems.

3. All sprayed fire resistance applications/materials/systems must be FM approved.

4. Precautions must be taken during construction to avoid damage to applied fire-proofing materials. Any damage/spalling that occurs to applied materials after application or during construction must be repaired.