

# FACILITIES STANDARD

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NAME : Acoustical Ceiling Tile  
NUMBER : 09512

ORIGINAL DATE:01-05-98  
REVISION DATE:03-27-00

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## **PURPOSE:**

1. The general purpose of each Facilities Standard is to provide minimal criteria for construction materials at University facilities regarding code compliance, warranty, approved products, execution and uniformity.
2. To protect the health and safety of patients, visitors, students, faculty and staff, in addition to protecting non-project UAB property, all construction must be in accordance with: NFPA 241 safeguarding construction, alteration and demolition operations; Standard Building Code, Chapter 33, regarding site work, demolition and construction; NFPA 101 Life Safety Code.
3. Construction safety is the responsibility of the contractor in accordance with the regulations and codes of the agency having jurisdiction, and according to the guidelines adapted by OSHA.
4. The **Acoustical Ceiling Tile Facilities Standard** establishes a series of guidelines for specifying this particular item on any construction project at the University. ***This Facilities Standard is not to be regarded as a specification.***

## **GENERAL:**

1. Acoustical mineral fiber ceiling tile shall be rated as a Class A Interior Finish according to the following flame spread tests:
  - A. Federal Spec. SS-S-118B
  - B. ASTM E-84 (0-25)
2. Suspension System shall be a fire rated intermediate duty with an exposed T. The components will be die cut and interlocking, meeting the following flame spread tests:
  - A. ASTM C635
3. Alternate ceiling patterns shall be approved on a project basis.
4. Warranty: One (1) year from date of Substantial Completion.

## **PRODUCTS:**

1. Acoustical Tile - Standard
  - A. Armstrong Minaboard Fire Guard, Cortega Fireguard, #823 (24" X 48") & #824 (24" X 24").
  - B. Celotex Hytone, Baroque Protectone, #PBT-197 (24" X 48") & #PBT-157 (24" X 24").
  - C. USG Auratone Omni Firecode, #339 (24" X 48") & #338 (24" X 24").
2. Acoustical Tile - Upgrade (For use in lobbies and waiting rooms. Location shall be approved in advance by Facilities Planning).
  - A. Armstrong Beveled Tegular Cirrus, #589 (Class A) - #577 (FR).
  - B. Celotex Bevel Edge Cashmere, #CMB-124 (Class A) - #PCMB-124 (FR).
  - C. USG Acoustone Frost Bevel Edge, #419 (Class A) - #406 (FR).
3. Acoustical Tile - Upgrade (For use in executive offices and conference rooms. Location shall be approved by Facilities Planning).
  - A. Armstrong Scored Classic-Step Cirrus, #585 (Class A).
  - B. Celotex Tier Edge Cashmere, #CMTS-412 (Class A).
  - C. USG Acoustone Frost Pedestals IV, #404 (Class A).
4. Suspension System
  - A. Armstrong World Industries, Inc. (Formally National Rolling Mills, Inc.)
  - B. Chicago Metallic Corporation
  - C. Donn Corporation

## **EXECUTION:**

1. When installing new ceiling tile, 24" x 24" x 5/8" lay-in tiles shall be used; 24" x 48" x 5/8" shall be used only to match existing.

2. The grid system shall be 15/16" in size with a white finish for *standard* use.
  3. Where *upgrade* ceiling tile has been approved by the Facilities Division for use, the grid system shall be 9/16" in size with a white finish.
  4. The standard or upgrade ceiling tile shall be used in all new building and major renovation projects. Where mixing the new ceiling tile with existing ceiling tile, new tile should be kept at a minimum.
  5. Where hold-down clips are necessary by code, they shall be concealed. **An exception to this is Jefferson Tower, where exposed access clips shall be used exclusively. In addition, the Architect shall specify the use of the Underwriters Laboratory Design No. J201 ceiling system. This system is required due to the varying thickness of the existing floor slab, which does not provide the required 2-hour floor/ceiling separation. An approved alternate solution is to fire proof the existing structural system to achieve the necessary floor and ceiling separation.**
- *Refer to the Underwriter's Laboratory for Floor/Ceiling Assembly design criteria.*

END OF STANDARD

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