

## Finishes

### Acoustical Ceiling Panels (09 51 00)

For questions regarding this section contact: Physical Plant  
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#### Part 1 – General

- Reference: This section defines acoustical ceiling panels.

#### Part 2 – Product

- Basis of Design: Equivalent to Armstrong 584B Cirrus 2' x 2' tegular edge tile
- Tile must feature durability and sag resistance
- Flame Spread Index: 25 or less
- Smoke Developed Index: 50 or less.
- 30-year Limited System warranty against visible sag, mold/mildew, and bacterial growth
- Class A Fire resistance, according to ASTM E84 and CAN/ULC S102 surface burning characteristics UL Classified.
- Width: 24"
- Length: 24"
- Thickness: 3/4"
- Color: White
- Cirrus(R) Angled Tegular (15/16" grid) Edge Type
- Ceiling Attenuation Class (CAC): 40
- Light Reflectance (LR): 0.80
- Mineral Fiber
- Resistant To Sag, Mold, Mildew, Bacteria and Soil
- Temp Range: 32 – 120 Fahrenheit
- Recycled Content: 37%

#### Part 3 – Execution

- Install acoustical panels with undamaged edges and fit accurately into suspension system runners and edge moldings. Scribe and cut panels at borders and penetrations to provide a neat, precise fit.
- Where tegular edge tiles must be cut and edges are exposed, route edge to match factory edge and paint to match factory finish. Untrimmed panels that do not lay flat and true within the suspension system will not be accepted.
- For reveal-edged panels on suspension system runners, install panels with bottom of reveal in firm contact with top surface of runner flanges.
- For reveal-edged panels on suspension system members with box-shaped flanges, install panels with reveal surfaces in firm contact with suspension system surfaces and panel faces flush with bottom face of runners.
- Paint cut edges of panel remaining exposed after installation; match color of exposed panel surfaces using coating recommended in writing for this purpose by acoustical panel manufacturer.
- Install hold-down clips in areas required by *authorities* having jurisdiction, and for fire-resistance ratings; space as recommended by panel manufacturer's written instructions, unless otherwise indicated.
- Protect lighting fixtures and air ducts to comply with requirements indicated for fire-resistance- rated assembly.
- Where ceiling tile is damaged by a Contractor in the course of its removal and replacement, it shall be the responsibility of that Contractor to replace that tile with new. Each Contractor shall be responsible for documenting pre-existing damaged tile prior to commencing work in any area where tile has been installed.