



Design Standard Acoustical Panel Ceilings

Purpose

The following standard takes into consideration these objectives.

- High noise reduction and CAC coefficients
- Good light reflectance to conserve energy associated with electrical lighting
- Product using recycled content
- High humidity resistance to prevent sagging

The use of these products will reduce the amount of replacement stocking the District will have to maintain. Maintenance personnel will easily recognize the correct styles to select for spot replacements.

Design Standard

SSFUSD's preference is to simplify design, construction and maintenance by limiting the types of panels used through-out the District unless programmatic requirements call for specialized panels in certain areas.

1. Armstrong, 'Fine Fissured' High Acoustics, square lay-in, white 2' x 4' ceiling tile
 - o For normal occupied classroom, corridor, office, cafeteria, multi-purpose room and back-of-house spaces.
 - o Mineral fiber
 - o Anti-mold/ Mildew & Bacteria properties
 - o NRC rating .70
 - o CAC rating 40
 - o LR rating .85
 - o Recycled Content 55%
 - o Complies with ANSI S12.60 Guidelines
2. USG, 'Radar 2310' square lay-in, white 2' x 4' ceiling tile
 - o For normal occupied classroom, corridor, office and back-of-house spaces.
 - o Mineral fiber
 - o NRC rating .55
 - o CAC rating 35
 - o LR rating .85
 - o Recycled Content 25%



South San Francisco Unified School District



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3. Armstrong 'Optima', square lay-in, white 2' x 4' ceiling tile
 - o For Libraries, Auditoriums where acoustics is critical.
 - o Fiberglass
 - o NRC rating .90
 - o CAC rating 26
 - o LR rating .90
 - o Recycled Content 71%
4. Armstrong 'Optima Health Zone', square lay-in, white 2' x 4' ceiling tile
 - o Cleanable, for food service areas.
 - o Anti- Mold/ Mildew
 - o Fiberglass
 - o NRC rating .95
 - o LR rating .86
 - o Recycled Content 82%
5. Grid: Armstrong 'Prelude XL' 15/16 heavy duty, white exposed tee system.
 - Designers should specify that contractor is to provide 10% attic stock of all panel types used on a project.
 - All tiles to have Class A Fire Rating.

Approved Manufacturers

- o Armstrong World Industries
- o USG Interiors

Substitutes Allowed?

- o Yes, if performance and quality equivalency can be evidenced.

Associated Design Standards

- o N/A

End of Document