

Report on the ACOUSTONE* E-Z-S SYSTEM

U.S.G.'s New Development for the Mechanical Suspension of ACOUSTONE Mineral Acoustical Tile

What it is: a new system providing easy access at any point to services above the ceiling. Exposed enameled metal splines are flanged to hold the tiles, making installation easier and more economical.

How it's installed: hangers for suspension of the ceiling are spaced not to exceed 4' in both directions. 1½" rolled channels are attached to hangers with saddle ties or bolted straps. E-Z-S splines are attached 2' on centers to these channels with clips. The short, 12" edges of ACOUSTONE are laid on the bottom flanges of the E-Z-S splines. Angles or tees are inserted in the kerfs of the long, 24" edges.

Why it's used: the new E-Z-S System offers these outstanding advantages:

1. ACCESSIBILITY—tiles push out easily, permitting easy adjustment of services above the ceiling.

2. ADAPTABILITY—excellent for new construction and for lowered ceilings in existing buildings. Simplifies installation and maintenance of valves, lighting, air conditioning controls, ducts, conduits, plumbing, etc.

3. ECONOMY—tiles go up neatly and quickly without nails or adhesive, eliminating costly ceiling construction.

What it does: in addition to providing ready access to the area above ceiling, and easy application of incombustible ACOUSTONE tiles, the E-Z-S System permits wide latitude of lighting installation. It can be adapted to any light troffer arrangement, or lights can be installed in the space above the ACOUSTONE, and glass or plastic can replace the tiles at points in the finished ceiling, creating practically any desired effect.

For further information: see 1952 Uniform Code, Table 42 A. Also consult your local U.S.G. Architects' Service Representative, or Industrial Sales Engineer.

*T.M.Reg.U.S.Pat.Off. for mineral acoustical tile.

TECHNICAL DATA

MATERIALS: 12" x 24" ACOUSTONE mineral acoustical tile specially kerfed and rabbeted; E-Z-S metal splines painted on the lower flange in flat white enamel; clips; 8-gauge hanger wires or straps; 1½" cold rolled runner channels; 26-gauge tees or angles as required. All but wire or straps supplied by U.S.G.

EFFICIENCY: according to tests certified by the Acoustical Materials Association, painted fissured ACOUSTONE installed by the E-Z-S System provides a Noise Reduction Coefficient of 70% or more.

ACOUSTONE tile is rated incombustible by the National Bureau of Standards.

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