

4000 Series Suggested Specification:

Furnish and install Tuttle & Bailey® Imperialine® 4000 Series extruded aluminum linear bar grilles where shown on the plans. Bars shall be furnished as 0°, 15°, 30° or 0° pencil proof shapes as detailed. Grille margins shall be specified to overlap or recess in the opening as required to fit the wall or ceiling finish. Mounting frames shall be furnished (if required) with positive holding concealed fasteners. When used to form plaster openings, frames shall be furnished with rigid bracing to maintain the opening size. Grilles and mounting frames shall be furnished in one piece up to 72" in length. Continuous grille sections shall butt with hairline joints and be provided with interlocking splines. Grille margins shall be mitered and mechanically fastened to provide a neat hairline corner appearance. Volume dampers (and control grids) shall be furnished behind all active supply sections. Baffles shall be provided behind inactive sections and mitered corner sections. Finish shall be white finish (WH). Performance ratings of minimum pressure, sound, throw and room velocity shall be tested in accordance with ANSI/ASHRAE 70-2006 Standards. Grille sizes shall be selected to provide required throw and pressure loss at NC 35 level.