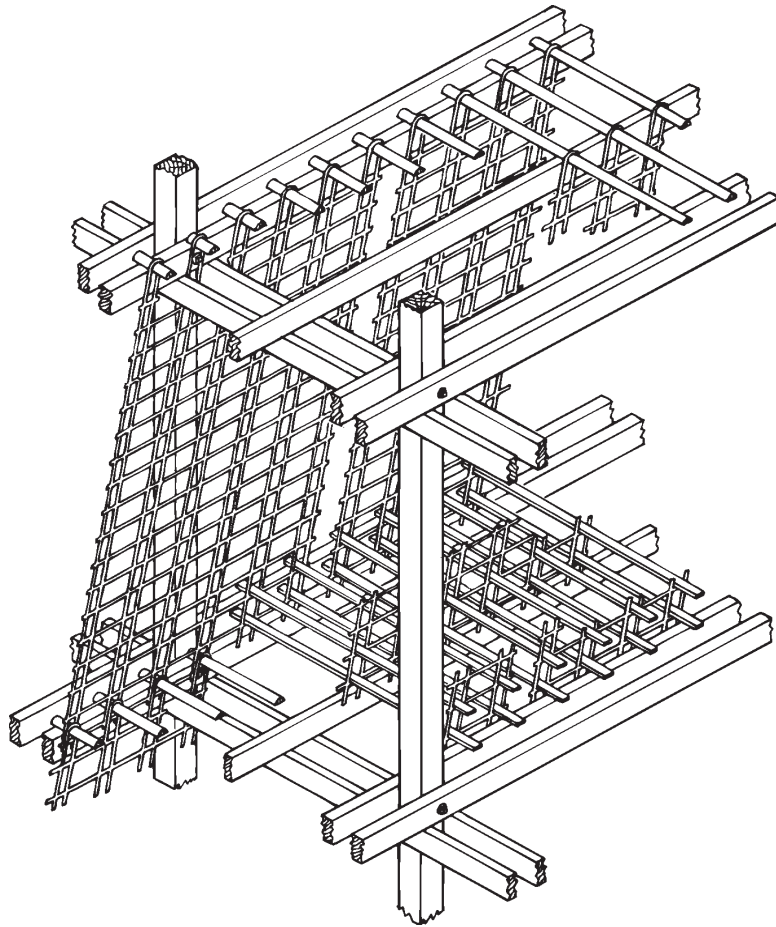


/ Marley FRP Grid Splash Fill Support /



The limiting consideration in long life with undiminished effectiveness for a cooling tower splash bar fill is how and with what the splash bars are supported. Chemically, the resistance of laminated FRP (fiber reinforced polyester) grids to acids, alkalis, salts and oils is rated as “excellent”. Mechanically, the FRP grid support system takes advantage of tensile strength exceeding 30,000 psi. FRP exhibits very little creep under stress of live and dead loads throughout the extremes of

moisture and temperature variations. The geometry of the splash bar arrangement with respect to air flow and water splash is correlated to the high air rate side of modern crossflow cooling towers providing more heat exchange per square foot of surface area. The elimination of bulky fill support systems reduce static resistance to air flow—hence, more cfm per fan horsepower.

