

Marley Alpha III splash-type cooling tower fill offers you the following benefits:

Improved Thermal Performance—Alpha III fill will increase cooling tower capacity (compared with wood lath on similar spacing). Variable fill bar spacing is available to provide the required thermal performance.

Corrosion-Resistant—Alpha III fill bars are corrosion resistant PVC extrusions which are supported by FRP (fiberglass reinforced polyester) grids.

Long Service Life—FRP fill grids are extremely inert and tough. Each fill bar is firmly attached to the FRP grid to prevent premature wear on either the grid or the fill bars. The fill bars are designed to prevent sagging, even after prolonged exposure to a cooling tower environment .

Easy Adaptability to Most Cooling Towers—Alpha III is a direct replacement for many types of wood lath fill. The FRP grid can be manufactured to fit virtually any cooling tower regardless of its age or manufacturer.

Easy Cleaning—The rounded upper surface of the fill bars and the smooth surface finish facilitate cleaning.



Suggested Specification

The fill will be used in crossflow or counterflow cooling towers.

Construction and Materials

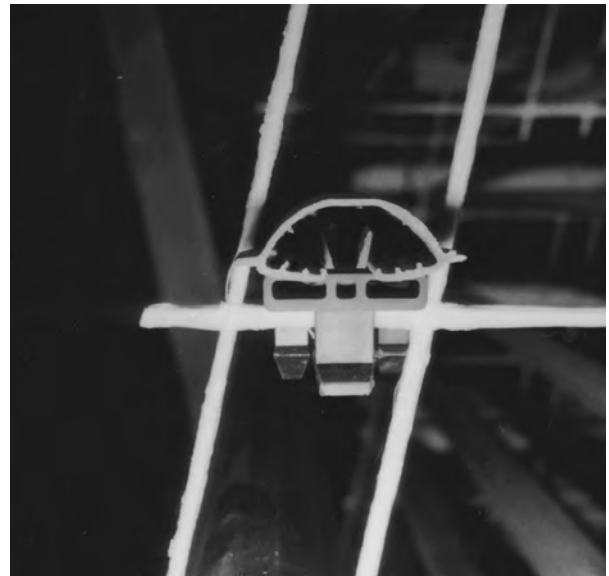
Each fill bar will be a PVC extrusion, designed to prevent excessive sagging between support points. The bars will be supported in a fabricated fiberglass reinforced polyester grid. The grid will be designed and fabricated to maintain the fill bars in proper vertical and horizontal spacing.

Each bar will be retained in its grid by polypropylene fasteners. The attachment must isolate the fill bar from the grid to prevent premature wear on either part.

Configuration

Fill bar spacing will be determined by the vendor as necessary for the required thermal performance.

Each bar will have an approximately semicircular upper surface with a smooth finish to inhibit deposits and to facilitate cleaning.



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