

A discharge gate (36) is provided for a gypsum slurry mixer (12), and includes a lower member (44) having an inlet opening (52) configured for receiving the slurry, and an outlet opening (54) configured for delivering the slurry to a dispensing device. An upper member (46) is attached to the lower member (44), at least one of the upper and lower members (44, 46) having at least one opening (76) for accommodating insertion of an injection port (80) for introducing the foam to the slurry. A cavity (48) is configured for mixing the foam and slurry, and is defined by inner surfaces of the lower member (44) and the upper member (46).