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"The Rheological Characterization of Air Entrained in Mortars by Different Surfactants and Blends Thereof: The Effect of Bubbles Size and Surface Mobility"

"The influence of air entraining agents on the rheology of mortars has been presented. The observation, already reported in literature, that the entrainment of air increases the yield stress and decreases the viscosity of the mortars has been verified and explained on the basis of mortar microstructure as derived from rheological measurements. The properties of the foam generated upon mixing the mortars has been related to the characteristics of the bubble surfaces."