

ABSTRACT

THIN CEMENTITIOUS SURFACE COATINGS

A thin durable decorative coating is applied to a concrete substrate such as a floor by applying a 0.1 mm coating of runny cement-plus-fines (water:cement = 1:1) to the substrate. Capillary suction by the substrate very rapidly dewateres the coating, which is compacted by atmospheric pressure and matures to form an inseparable coating on the substrate. The fines may include colourings, mica or other additives to enhance the final appearance.