

The invention relates to the field of construction and can be used for decorative finishing of walls, slopes, ceilings and other elements of the building.

The composition for decorative coating of the building elements includes binder – cement, filler and target additive – colorant, at the same time as filler is used crushed glass with the fractions of 1.7...5.0 mm and additionally functional additive – polyvinyl-acetate glue in the following component ratio, mass %: cement 25...30; crushed glass 18...52; dry colorant 0.5...3.0; polyvinyl glue 2...15.

The process for obtaining the decorative coating of the building elements includes the preliminary preparation of the filler by means of crushing and selection of fractions, preparation of the binder and subsequent mixing thereof with the filler with the agitation, at the same time preparation of the binder foresees mixing of cement with dry colorant, addition of water with intensive agitation up to the state of a dense sour cream mass and introduction of the polyvinyl-acetate glue. As filler is used crushed glass with the fractions of 1.7...5.0 mm, which is washed and dried, the mass ratio of the binder and the filler constitutes 1:(0.52...0.58).

The process for application of decorative coating on the surface of the building elements includes cleaning of the surface, application of the primer, application of the coating and maintenance thereof. At the same time, it is used a primer, containing quartz sand and colorant, the maintenance after application of coating is carried out at the temperature of 5...25°C during 2...6 hours, then it is treated the surface with 3...10% solution of hydrochloric acid during 5...15 min, with subsequent washing thereof with water. The treated coating is maintained during 8...10 hours from the moment of its application on the surface; afterwards the surface of the decorative coating is smoothed out and polished.

Claims: 5