

ABSTRACT

Wet cement mortar for three-dimensional molding for construction, obtained by kneading a dry cementitious material containing cement (A), an aggregate (B), a dispersant (C) containing a lignin sulfonic acid-based dispersant (R) and a melamine sulfonic acid-based dispersant (M) at a mass ratio $R/M = 100/80$ to 400, diutan gum (D) having an average molecular weight in a range of 2,000,000 to 8,000,000 and a viscosity of a 0.25% aqueous solution thereof in a range of 2,000 to 10,000 mPa·s, a setting retarder (E), amorphous calcium aluminosilicate (F) containing SiO_2 in an amount of 10 to 25% by mass in terms of oxide, gypsum (G), and short fibers (H), with a prescribed continuous kneading system 1 is used. The present invention can provide wet cement mortar for three-dimensional molding for construction that is excellent in self-standing capability and strength development capability, and a three-dimensional molding method for construction using the wet cement mortar for three-dimensional molding for construction.