

Method of manufacturing fast-setting slag Portland cement includes mixing ground Portland cement clinker, gypsum, blast furnace granulated slag and a pre-prepared aqueous sucrose solution. Wherein, preliminary grinding of Portland cement clinker, gypsum and blast furnace granulated slag to a specific surface area of $450 \pm 20 \text{ m}^2/\text{kg}$ according to Blaine is carried out, after which the specified mineral components of slag Portland cement are mixed. Sucrose is added to the water in an amount that ensures its concentration of 0.0002-0.0004 % by weight of slag Portland cement and stirred thoroughly until sucrose dissolves in water at a temperature of $\geq 35 \text{ }^\circ\text{C}$. After that, the prepared aqueous solution is mixed with the components of slag Portland cement to obtain a dough of normal density.