

ABSTRACT

Provided is a ground-improving material slurry containing calcium aluminate having a percentage of glass content of 70% or more, a $\text{CaO}/\text{Al}_2\text{O}_3$ molar ratio of 1.0 to 2.7, and an impurity content of 15% by mass or less, gypsum, and cement in water or an aqueous solution, wherein a total amount of chlorine contained in the calcium aluminate, the gypsum, and the cement is 20 ppm to 2000 ppm, and an oxidation-reduction potential of the ground-improving material slurry is -0.4 to 0.1 V.