CLAIMS

[Claim 1]

An ultra rapid hardening grout material, comprising cement, calcium aluminate, gypsum, a gas foaming substance and a fine aggregate, and having a chlorine content of 3 ppm or more and 1,800 ppm or less,

wherein chemical components of the fine aggregate have a CaO proportion of 85% by mass or more and a SiO_2 proportion of 0.2% by mass or more and 15% by mass or less.

[Claim 2]

An ultra rapid hardening grout material, comprising cement, calcium aluminate, gypsum, a gas foaming substance and a fine aggregate, and having a chlorine content of 3 ppm or more and 1,800 ppm or less,

wherein decrease of fineness modulus of the fine aggregate according to JIS A 1121, "Method of test for resistance to abrasion of coarse aggregate by use of the Los Angeles machine", is 70% or more and 100% or less.

[Claim 3]

An ultra rapid hardening grout material, comprising cement, calcium aluminate, gypsum, a gas foaming substance and a fine aggregate, and having a chlorine content of 3 ppm or more and 1,800 ppm or less,

wherein chemical components of the fine aggregate have a K_2O proportion of 40 ppm or more and 3,000 ppm or less, a SO_3 proportion of 40 ppm or more and 3,000 ppm or less, a Fe_2O_3 proportion of 0.1% by mass or more and 3.0% by mass or less, and a Al_2O_3 proportion of 0.1% by mass or more and 3.0% by mass or less.

[Claim 4]

The ultra rapid hardening grout material according to any one of claims 1 to 3, wherein the content ratio of the fine aggregate is 40 parts by mass or more and 300 parts by mass or less with respect to 100 parts by mass of the cement.

[Claim 5]

An ultra rapid hardening grout mortar obtained by mixing the ultra rapid hardening grout material according to any one of claims 1 to 4 and water.

[Claim 6]

A hardened body formed by using the ultra rapid hardening grout mortar according to claim 5.