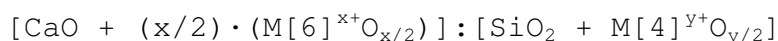


ABSTRACT

Monophase Hydraulic Binder, Manufacturing Method thereof and Building Material Made Using the Same

The invention relates to a monophase amorphous hydraulic binder containing silicon, calcium and oxygen atoms in an arrangement comprising silicate building units having an average connectedness of at least Q^1 , with none or a part of the calcium atoms being substituted for by a metal atom $M[6]^{x+}$ sixfold or higher-coordinated with oxygen and/or none or no more than 45 atomic percent of the silicon atoms being substituted for by a metal atom $M[4]^{y+}$ tetrahedrally coordinated with oxygen, the molar ratio of



having a value of 0.2 to 1.5, and the binder having less than 3.5 % by weight of water, to a mixture containing this binder, to methods for manufacturing the binder or a mixture containing this binder and to a building material made by setting the binder or a mixture containing this binder with water and subsequent hardening.

[No figure]