

ABSTRACT OF DISCLOSURE

Title: An ettringite binder for dense mortar, comprising calcium sulphates and a calcium aluminate mineral compound

Applicant: LAFARGE ALUMINATES

The invention relates to an ettringite binder for dense mortar, comprising calcium sulphates and a calcium aluminate mineral compound, said calcium aluminate mineral compound comprising calcium C and aluminium A oxides, soluble and combined in one or more crystallized and/or amorphous mineralogical phases, in such proportions that:

- the useful C/A molar ratio of the calcium aluminate mineral compound ranges from 1.2 to 2.7;
- the sum in weight of the useful (C+A) phases accounts for at least 30% of the total weight of the mineral compound.

Single figure