

ABSTRACT

A hardening initiator for a ready-mixed shipping type rapid-hardening concrete, to be added to a composition containing a cement, a rapid hardener, and a retarder, the hardening initiator providing a hardening initiator-containing composition obtained after 30 minutes from addition of the hardening initiator to the composition under condition of 5°C, a liquid phase obtained through solid-liquid separation of the hardening initiator-containing composition having an aluminum ion concentration that is 1.1 times or more an aluminum ion concentration of a liquid phase obtained through solid-liquid separation of a hardening initiator-non-containing composition obtained by not adding the hardening initiator to the composition under condition of 5°C.