

Abstract

Title of Invention: CEMENT ADMIXTURE, CEMENT COMPOSITION
AND PRODUCTION METHOD THEREFOR

Provided are a cement admixture and a cement composition to give an excellent anti-rust effect to internal reinforcements of a cement concrete cured body, and also to let the cement concrete have a shielding effect against chloride ions infiltrating from the exterior and low leaching of Ca ions to suppress pore developments. The cement admixture contains calcium boroaluminate in which the molar ratio of $\text{CaO}/\text{Al}_2\text{O}_3$ is 0.15 to 0.7, and the B_2O_3 content is 0.05 to 10% by mass.

[Fig. 1]