

Abstract

Provided is a hydraulic composition and a method of manufacturing a hardened body of the hydraulic composition each having the following features: in the manufacture of a hardened body such as concrete to be subjected to steam curing, manufacturing efficiency can be improved by shortening the pre-curing time of the composition, and even when the pre-curing time is shortened, a hardened body such as concrete excellent in strength can be manufactured; and the amount of carbon dioxide emission can be reduced by using a carbonated cement hydrate obtained by fixing carbon dioxide in part of cement or a cement hydrate in raw materials for the composition.

A hydraulic composition, comprising: cement; a carbonated cement hydrate; aggregate; and water, wherein a ratio of the carbonated cement hydrate in 100 mass% of a total of the cement and the carbonated cement hydrate is from 1 mass% to 50 mass%, and wherein an amount of the water is from 30 parts by mass to 60 parts by mass with respect to 100 parts by mass of the total of the cement and the carbonated cement hydrate.