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[54] **READY-MIXED SETTING TYPE JOINT COMPOUND**

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Related U.S. Application Data

[63] Continuation of Ser. No. 242,280, May 12, 1994, abandoned.

[51] **Int. Cl.**[6] **C04B 22/16**

[52] **U.S. Cl.** **106/785**; 106/819

[58] **Field of Search** 106/772, 785, 106/819, 786

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[57] **ABSTRACT**

A cementitious composition of the setting type which can be kept in a ready-mixed state and which can be caused to set and harden upon introduction of an accelerator with reproducibility and set time predictability. The cementitious base composition contains calcium sulfate hemihydrate as a principal filler material and certain non-calcium bearing phosphate additives which prevent setting action in the presence of water. An accelerator, such as zinc sulfate, may be added to the ready-mixed, cementitious composition to initiate the setting action, or the ready-mixed cementitious composition can be used as a drying type joint compound without the addition of an accelerator.

18 Claims, No Drawings