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(21) International Application Number: PCT/US95/05689 (22) International Filing Date: 28 April 1995 (28.04.95) (30) Priority Data: 08/242,280 12 May 1994 (12.05.94) US (71) Applicant: UNITED STATES GYPSUM COMPANY [US/US]; 125 South Franklin Street, Chicago, IL 60606-4678 (US). (72) Inventors: ESPINOZA, Theresa, Ann; 471 Elmhurst, Wood Dale, IL 60191 (US). MILLER, Charles, Joseph; 5018 Brorson Lane, McHenry, IL 60050 (US). STEVENS, Richard, Byron; 493 Hampshire, Lakewood, IL 60014 (US). (74) Agent: STREIT, Richard, J.; Ladas & Parry, 224 South Michigan Avenue, Chicago, IL 60604 (US).		(51) Designated States: BR, CN, CZ, KR, PL, RO, SG, SK. Published <i>With international search report.</i> RTMP 95/961901-1
(54) Title: READY-MIXED, SETTING TYPE JOINT COMPOUND (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.		

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