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Abstract:



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Slag Cement

- 5 A slag cement having an improved early strength and containing aluminosilicates, blast furnace slag, clinker and CaSO_4 , has a content of 70 to 95% by weight of blast furnace slag used in the ground form at $>4,500$ Blaine (cm^2/g) with no more than half of this portion being substitutable by aluminosilicates
- 10 such as fly ash, alumina, marl or the like, 0.1 to 2% by weight of clinker, sulfate in amounts of below 5% by weight, calculated as SO_3 , and 0.3 to 1% by weight of a superliquifier such as, e.g., naphthalene sulfonate.