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(54) Title: COATED STRUCTURAL ARTICLES

(57) Abstract

A structural article comprises a substrate having an ionic charge which is coated with a coating having essentially the same ionic charge. The coating consists essentially of a filler material and a binder material. The substrate is preferably fiberglass, the filler is preferably fly ash and the binder material is preferably acrylic latex. The substrate is preferably bonded together using a mixture of urea formaldehyde and standard acrylic. In a preferred embodiment, the coating comprises nearly 85 % of the structural article and fly ash comprises approximately 85 % to 95 % of the coating.