

AQUEOUS RESIN COMPOSITION FOR FORMING THICK FILM,
MANUFACTURING METHOD THEREFOR, SURFACE TREATMENT METHOD, AND
A CONCRETE STRUCTURE

ABSTRACT

The present invention provides an aqueous resin composition for forming thick film, comprising a synthetic aqueous resin emulsion (A) and a filler (B), having a non-volatile content of 65% to 80% by mass, and having a ratio of observed specific gravity to theoretical specific gravity of 97% or more. This aqueous resin composition for forming thick film can form a thick film and can dry within 12 hours after application, produces no odor during application, can give a film excellent in water resistance, acid resistance, and alkaline resistance, and, in particular, can give a film that meets the quality standards C and D defined in "Technical Manual on Corrosion Prevention and Corrosion Protection for Concrete Sewage Structures" (April 2012).