

ABSTRACT

METHOD FOR PREVENTING A PHOTOCATALYST FROM
DECREASING IN HYDROPHILICITY

Disclosed is a method for preventing a photocatalyst from decreasing in hydrophilicity due to contamination by components seeping from a sealing material for anchoring a construction material, exterior material, glass structure, or other article on which a photocatalyst layer is formed. In said method, a transparent sealing-material-component seepage-prevention layer, which contains a modified epoxy resin comprising polymerizable unsaturated monomers graft-polymerized onto or copolymerized with an epoxy resin, is formed on the surface of the sealing material. Said polymerizable unsaturated monomers include a carboxyl-group-containing monomer, and a modified epoxy resin obtained by a carboxyl-group/epoxy-group reaction after graft polymerization or copolymerization is more favorable.