

ABSTRACT

The present invention is to provide an antifouling coating composition capable of forming an antifouling coating film that exhibits a high antifouling performance even in a marine area having a heavy fouling load by animal species such as barnacles, has excellent slime resistance, and is prevented from cracking. Further, the present invention is also to provide an antifouling coating film, a substrate with an antifouling coating film and a method of producing the substrate, and an antifouling method, each using the composition. The antifouling coating composition of the present invention contains a polyorganosiloxane block-containing hydrolyzable copolymer (A) and medetomidine (B), wherein the polyorganosiloxane block-containing hydrolyzable copolymer (A) contains (i) a constituent unit derived from a hydrolyzable group-containing monomer (a1) and (ii) a constituent unit derived from a polyorganosiloxane block-containing monomer (a2).