

ABSTRACT

ANTIFOULING COMPOSITE COATING FILM, ANTIFOULING SUBSTRATE, AND
METHOD FOR PRODUCING ANTIFOULING SUBSTRATE

[Object]

To provide an antifouling composite coating film having excellent long-term antifouling properties, long-term water resistance, damage resistance and long-term adhesion.

[Solution]

An antifouling composite coating film of the invention includes a stack including an epoxy resin-based coating film (P) and an antifouling coating film (Q) formed from a hydrolyzable antifouling coating composition (q), wherein the hydrolyzable antifouling coating composition (q) includes (A) a hydrolyzable copolymer including a structural unit (1) derived from triisopropylsilyl methacrylate (i), a structural unit (2) derived from 2-methoxyethyl (meth)acrylate (ii), and a structural unit (3) derived from a polymerizable monomer (iii) having a polymerizable double bond (with the proviso that triisopropylsilyl methacrylate and 2-methoxyethyl (meth)acrylate are excluded), and (B) a rosin and/or a monocarboxylic acid compound.

(No drawing to be published)