# CLAIMS

[Claim 1]

An antifouling composite coating film comprising a stack comprising an epoxy resin-based coating film (P) formed from an epoxy resin-based coating composition (p) and an antifouling coating film (Q) formed from a hydrolyzable antifouling coating composition (q), wherein

the epoxy resin-based coating composition (p) comprises 100 parts by mass of a bisphenol-type epoxy resin (p-1), 5 to 40 parts by mass of a vinyl-based copolymer (p-2) and 10 to 80 parts by mass of an amine-based curing agent (p-3), and

the hydrolyzable antifouling coating composition (q) comprises (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.

[Claim 2]

The antifouling composite coating film according to Claim 1, wherein the ratio (WA/WB) of the content (WA) of the hydrolyzable copolymer (A) to the content (WB) of the rosin

and/or the monocarboxylic acid compound (B) is 99.9/0.1 to 30/70 by mass.

[Claim 3]

The antifouling composite coating film according to Claim 1 or 2, wherein the hydrolyzable antifouling coating composition (q) further comprises at least one selected from the group consisting of cuprous oxide (C), an inorganic copper compound (D) except the cuprous oxide (C), an organic antifouling agent (E), a color pigment (F), an extender pigment (G), a pigment dispersant (H), a plasticizer (I), an anti-sagging agent (J), an anti-settling agent (K), a dehydrating agent (L) and a solvent (M).

[Claim 4]

An antifouling substrate comprising a substrate and the antifouling composite coating film described in any one of Claims 1 to 3, the substrate and the antifouling composite coating film being stacked in the order of substrate/epoxy resin-based coating film (P)/antifouling coating film (Q).

[Claim 5]

The antifouling substrate according to Claim 4, which is placed in contact with seawater or freshwater.

[Claim 6]

The antifouling substrate according to Claim 4 or 5, wherein the antifouling substrate is at least one selected from

the group consisting of underwater structures, ships and fishing gears.

[Claim 7]

A method for producing an antifouling substrate described in any one of Claims 4 to 6, comprising stacking the substrate, the epoxy resin-based coating film (P) and the antifouling coating film (Q) in the order of substrate/epoxy resin-based coating film (P)/antifouling coating film (Q).