

ABSTRACT OF THE DISCLOSURE

EPOXY RESIN ANTICORROSIVE COATING COMPOSITIONS, EPOXY RESIN ANTICORROSIVE COATING FILMS, LAYERED ANTIFOULING COATING FILMS, ANTIFOULING SUBSTRATES, AND METHODS FOR PRODUCTION THEREOF

5 The invention provides a layered antifouling coating film including an epoxy resin anticorrosive coating film and an antifouling coating film, the layered antifouling coating film attaining inhibition of antifouling performance degradation and attaining excellent damage resistance even when the
10 antifouling coating film is formed on the anticorrosive coating film before sufficient curing of the epoxy resin. The invention also provides an epoxy resin anticorrosive coating and an epoxy resin anticorrosive coating film for forming such layered antifouling coating films, and methods for producing
15 such anticorrosive coating films and layered antifouling coating films.

 The epoxy resin anticorrosive coating composition is designed to form an anticorrosive coating film in a layered antifouling coating film including the anticorrosive coating
20 film and an antifouling coating film disposed on a surface of a substrate in the order of the anticorrosive coating film and the antifouling coating film from the substrate side. The epoxy resin anticorrosive coating composition includes an
25 epoxy resin (A), a solid thermoplastic resin (B) and an amine curing agent (C). The solid thermoplastic resin (B) is solid at room temperature, and the content of the solid thermoplastic resin (B) is not less than 50 parts by mass per 100 parts by mass of solids of the epoxy resin (A).