

ABSTRACT

COATED STEEL PRODUCT

The present invention provides a coated steel product including: a steel product; a coating layer that is coated on the surface of the steel product and that includes from 8 to 50% by mass of Mg, from 2.5 to 70.0% by mass of Al, and from 0.30 to 5.00% by mass of Ca, with the balance consisting of Zn and impurities; and an intermediate layer interposed between the steel product and the coating layer, in which the intermediate layer has a sea-island structure constituted by a sea portion composed of an Al-Fe alloy phase, and island portions including a Zn-Mg-Al alloy phase having a Mg content of 8% by mass or more, and in which the sea portion composed of the Al-Fe alloy phase has an area fraction of from 55 to 90%.

[Fig. 1]