

ABSTRACT

METALIC COATED STEEL PRODUCT

Provided is a metallic coated steel product which is less likely to experience LME and blowhole formation and is likely to exhibit an improved corrosion resistance at welding heat affected zones. The metallic coated steel product is a hot-dip metallic coated steel product including a steel product and a plating layer that is provided on a surface of the steel product and includes a Zn-Al-Mg alloy layer. In a cross-section of the Zn-Al-Mg alloy layer an area fraction of $MgZn_2$ phase is from 45 to 75%, a total area fraction of $MgZn_2$ and Al phases is not less than 70%, and an area fraction of Zn-Al-Mg Zn_2 ternary eutectic structure is from 0 to 5%; and the plating layer has a predetermined chemical composition.

[No suitable figure]