

ABSTRACT

The Zn-Al-Mg-based hot-dip plated steel member includes: a steel member; and a hot-dip plating layer arranged on a surface of the steel member, wherein the hot-dip plating layer includes, as an average composition, in terms of mass%, 4 to 22% of Al, 1.0 to 10.0% of Mg, 0.0001 to 2% of Fe, and a balance including Zn and impurities; in binarized image data of image data obtained by imaging a surface of the hot-dip plating layer, the total area ratio of white pixels is 30% or more and 70% or less; and the binarized image data is obtained by binarizing the image data by Otsu's method.

10 FIG. 2