

This hot-dip Zn-Al-Mg-based plated steel includes: a steel; and a plating layer formed on a surface of the steel, in which the plating layer contains, as an average composition, Mg: 1 to 10 mass%, Al: 4 to 22 mass%, and a remainder consisting of Zn and impurities, the plating layer includes an (Al-Zn mixed structure) in an area ratio of 10% to 70% in a cross section of the plating layer in a matrix of an (Al/Zn/MgZn₂ ternary eutectic structure), the (Al-Zn mixed structure) includes a first region that has a Zn concentration in a range of 75 mass% or more and less than 85 mass% and a second region that is present inside the first region and has a Zn concentration in a range of 67 mass% or more and less than 75 mass%, and an area ratio of the second region in the (Al-Zn mixed structure) in the cross section of the plating layer is more than 0% and 40% or less.

FIG. 1