

ABSTRACT

A hot-dip plated steel material includes a plated layer having a chemical composition including more than 10.0% and less than 45.0% of Al, 4.0% to 15.0% of Mg, 0.01% to 2.0% of Si, 0.03% to 1.50% of Sr, and a remainder of Zn and impurities, the
 5 plated layer contains a Zn-Sr-based compound and a Zn-Sr-Si-based compound, and in a case where, in an elemental distribution profile obtained by an analysis using GDS in a direction from a surface of the plated layer toward the steel material, the thickness of the plated layer is denoted by t , the average value of a qualitative analysis value of Sr from the surface of the plated layer to $0.05 t$ is denoted by $Sr (surf)$, a qualitative analysis value in
 10 a range of $0.05 t$ to $0.66 t$ is denoted by $Sr (center)$, and a qualitative analysis value in a range of $0.66 t$ to t is denoted by $Sr (deep)$, Expression (1) is satisfied.

$$Sr (surf) < Sr (deep) < Sr (center) \dots (1).$$

FIG. 1