

A hot-dip plated steel according to one aspect of the present invention includes a base steel and a hot-dip plating layer disposed on a surface of the base steel, a chemical composition of the hot-dip plating layer contains, by mass%, Al: 10.00% to 30.00%, Mg: 3.00% to 12.00%, Sn: 0% to 2.00%, Si: 0% to 2.50%, Ca: 0% to 3.00%, Ni: 0% or more and less than 0.25%, Fe: 0% to 5.00%, and the like, a remainder consists of Zn and impurities, a metallographic structure of the hot-dip plating layer contains 5 to 45 area% of an α phase having a grain diameter of 0.5 to 2 μm , the metallographic structure of the hot-dip plating layer contains 15 to 70 area% of a MgZn_2 phase, and, among the α phases having the grain diameter of 0.5 to 2 μm , an area ratio of an α phase having a $(111)_\alpha // (0001)_{\text{MgZn}_2}$ orientation relationship to the adjacent MgZn_2 phase is 25% to 100%.

FIG. 3