

ABSTRACT

5 A hot-dip Zn-Al alloy-plated steel material ensuring
high corrosion resistance and excellent bending
workability of the plating layer, and a production method
thereof are provided, that is, a hot-dip Zn-Al alloy-
plated steel material with excellent bending workability,
having a plating layer comprising, in terms of mass%,
from 25 to 85% of Al, from 0.05 to 5% of one or both of
10 Cr and Mn, and Si in an amount of 0.5 to 10% of the Al
content, with the balance being Zn and unavoidable
impurities, wherein the average spangle size on the
plating surface is 0.5 mm or more; and a production
method thereof.