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ABSTRACT

ZINC PHOSPHATE-TREATED GALVANIZED STEEL SHEET
EXCELLENT IN CORROSION RESISTANCE AND COLOR TONE

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10 This invention provides a zinc phosphate treated
galvanized steel sheet capable of securing sufficient
white rust resistance and non-uniform dew condensation
resistance without requiring a sealing chromate
treatment, having high white color and being excellent in
color tone uniformity. The galvanized steel sheet has a
15 zinc phosphate film according to the invention containing
at least 2% of Mg and 0.1 to 1% of at least one element
selected from the group consisting of Ni, Co and Cu, and
the adhesion value of the zinc phosphate film is at least
0.7 g/m².