

ABSTRACT

A galvanized steel sheet is provided that has various properties such as corrosion resistance and adhesion and allows for excellent continuity at a low contact pressure.

5 A galvanized steel sheet includes a surface-treatment film with 50 to 1200 mg/m², wherein the surface-treatment film is obtained by applying a surface-treatment agent to a surface of a galvanized steel sheet and drying the surface-treatment agent by heating; and the surface-treatment agent
10 is prepared as a mixture having a pH of 8 to 10 and containing, with specific proportions, a water-soluble zirconium compound, a tetraalkoxysilane, an epoxy-group-containing compound, a chelating agent, a silane coupling agent, vanadic acid, and a metal compound.