

ABSTRACT

SURFACE-TREATED STEEL SHEET AND METHOD FOR PRODUCING
SURFACE-TREATED STEEL SHEET

[Object] To provide a surface-treated steel sheet having a coating having fine
5 adhesiveness to an adhesive on the surface and having excellent corrosion resistance,
and a method for producing the surface-treated steel sheet.

[Solution] Provided is a surface-treated steel sheet including: a steel sheet; a
plated layer that contains zinc and is formed on the steel sheet; and a coating formed
on the plated layer. The coating contains an acrylic resin, zirconium, vanadium,
10 phosphorus and cobalt, the acrylic resin has an area ratio of 80 to 100 area% in an
area from a surface of the coating to a thickness of one-fifth of a film thickness of the
coating on a cross-section, and the acrylic resin has an area ratio of 5 to 50 area% in
an area including an area from the film thickness center of the coating to a thickness
of one-tenth of the film thickness toward the surface side and an area from the film
15 thickness center to a thickness of one-tenth of the film thickness toward the plated
layer side.

Representative Drawing

FIG. 1