AUSTENITIC STAINLESS STEEL SHEET, COVER MEMBER AND PRODUCTION METHOD FOR AUSTENITIC STAINLESS STEEL SHEET

ABSTRACT

In an austenitic stainless steel sheet, the arithmetic average roughness Ra is 0.2 μm or more and 1.2 μm or less. In addition, the dull pattern transfer rate on the steel sheet surface is 15% or more and 70% or less. Furthermore, micropits with a depth of 0.5 μm or more and an open area of 10 μm^2 or more which are formed on the steel sheet surface have an existing density of 10.0 or less per 0.01 mm^2 and an open area ratio of 1.0% or less. In addition, a film formed on the steel sheet surface is constituted from an oxide containing SiO_2 as a main constituent, which oxide contains at least Si, N, Al, Mn, Cr, Fe, Nb, Ti and O as film-forming elements other than C, wherein the Si content is 10 at% or more, and the N content is 10 at% or less.