

ABSTRACT

COATED METAL PLATE

The purpose of the present invention is to provide a coated metal plate that has excellent stain resistance, that does not cause interference patterns to occur, and that has excellent design properties. This coated metal plate comprises a metal plate having an average surface roughness $Ra(\text{metal plate})$ of $0.40\text{ }\mu\text{m}$ or less and a coating film that is formed on at least one surface of the metal plate, that substantially comprises a composition represented by the compositional formula $K_2O \cdot xSiO_2$ ($3.5 \leq x \leq 6.8$), and that has an average thickness t of $0.2\text{-}3.0\text{ }\mu\text{m}$. The average thickness t of the coating film and the average surface roughness $Ra(\text{coating film})$ of the coating film satisfy formula (1).
Formula (1): $Ra(\text{coating film}) \geq 0.03 / t + 0.15$.

[No Suitable Figure]