

[Document Type] Abstract

[Title of the Invention] RESIN COATED STEEL AND MANUFACTURING
METHOD THEREFOR

The present invention provides a resin coated steel including a steel, a primer layer that is provided on a surface of the steel, a urethane resin layer that is provided on a surface of the primer layer, and a top coating layer that is provided on a surface of the urethane resin layer. The urethane resin layer includes a urethane resin in which a castor oil derivative having 2.7 or more hydroxyl groups per molecule, an organic composition having 2.0 hydroxyl groups per molecule, and isocyanate are polymerized. In addition, the top coating layer includes an acrylic urethane resin.

FIG. 1