

ABSTRACT

5 A cation electrodeposition coating process and cation electrodeposition coating composition that have a sufficient throwing power are provided.

A process for cationic electrodeposition coating which comprises the steps of:

- (1) immersing a substrate in a cationic electrodeposition coating composition;
- 10 (2) applying a voltage between an anode and said substrate, which serves as a cathode, to thereby cause coat film deposition; and
- (3) further applying a voltage to the coat film deposited so as to increase electric resistance per unit volume of
15 said coat film,
wherein, in said step (3), coat films are deposited at those sites of the substrate where coat films have not yet been deposited,
said cationic electrodeposition coating composition having
20 a time point when the electric resistance per unit volume of the coat film deposited increases in the course of electrodeposition under constant-current conditions.