



# Corrosion Resisting Steels For Repaint Term Extension

## Scope

Corrosion resisting steels for repaint term extension comply with Japanese Industrial Standards for structural steel products such as SS (JIS G 3101), SM (JIS G 3106) and SBHS (JIS G 3140). In high salinity environments, they can prevent corrosion from coating defects compared to conventional steels.

## Application Examples

Examples of application of corrosion resisting steels for repaint term extension are shown below. These steels had been applied to more than 100 bridges as of March 2024, mainly in high salinity regions such as coastal areas and where de-icing salt is sprayed.

### Application of Corrosion Resisting Steels For Repaint Term Extension in Coastal Areas



Courtesy:NIPPON STEEL CORPORATION

Corrosion resisting steels for repaint term extension prevent corrosion and peeling of paint in deteriorated parts. Therefore, they are also effective to apply to parts of bridges where the corrosion environment is particularly severe, and where the coating thickness is difficult to control, such as girder ends, bearings, joints, and member ends.

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