

DUPLEX STAINLESS STEELS IN BRIDGE CONSTRUCTION

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Duplex stainless steel is a material with sufficient yield strength, stiffness and toughness as well as an excellent durability in aggressive environments.

Steel bridges are protected against corrosion via the application of organic coatings. These coatings are applied on the steel surface outside as well as inside of the structure respectively closed sections have to be continuously dehumidified. With a relative humidity smaller than 40 % the corrosion will not take place.

By clicking the link below you can read or download the document.

[On the use of duplex stainless steels in bridge construction](#)

Fakta

You can get more information directly from the author, Peter Collin.

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