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CORROSION RESISTANT MATERIALS AND SOLUTIONS

# Stainless Steel in Structural Applications



# Stainless Steel in Structural Applications

## Presentation is in two sections:

- Duplex LDX 2101 Structural Applications
- Duplex LDX 2101 Rebar

**This presentation is drawn from over 70 years of NDE company experience and relationships with local and international suppliers including Outokumpu**

# Stainless Steel in Structural Applications

## Duplex LDX 2101 Structural Applications Overview

- Basics of stainless steel
- Corrosion resistance and other properties
- Designing in LDX 2101
- Duplex structural applications
- Benefits of Duplex

# Stainless Steel in Structural Applications

## LDX 2101 Rebar Overview

- Corrosion of concrete reinforcement
- Design codes of practice
- Guidance for durability design
- Stainless steel rebar
- Predictive modelling
- Life cycle costs
- Projects
- Summary

# Stainless Steel in Structural Applications

## Duplex Applications



# Stainless Steel in Structural Applications

## Summary

The choice of LDX 2101  
in many structural applications,  
including rebar,  
is becoming commonplace worldwide.



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