

# **Report on Corrosion and Repair of Grouted Multistrand and Bar Tendon Systems**

Reported by Joint ACI-ASCE Committee 423



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*This report gives general information regarding the evaluation of corrosion damage in structures reinforced with grouted multistrand and bar tendons. A review of current practice is included along with the historical background. Specific potential problem areas for grouted tendons are discussed for each critical part of the tendon. Current methods for evaluating corrosion damage and typical repair schemes are included.*

**Keywords:** anchorage; bonded; corrosion; duct; durability; grout; post-tensioning; prestressed; repair; strand; tendon.

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