

Epoxy Coated 7-Wire Strand for Prestressed Concrete

Send a personalized submittal package to:

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Bridge Standards Engineer
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Include in the submittal package:

- Completed New Products Application Form (attached),
- Manufacturer contact name, address, phone number and email address,
- Product Data Sheet,
- Material Safety Data Sheet,
- Report verifying that the material meets the performance requirements listed below, and
- Completed MnDOT Office of Environmental Services Hazardous Evaluation Process Documentation (attached)

Performance Requirements

Provide epoxy coated 7-wire, low relaxation steel strand for pretensioned concrete meeting MnDOT Specification 3348.2 and 3348.3.

Provide certified test results indicating compliance with the latest version of the following requirements:

ASTM A 882

ASTM B 117 with result of no corrosion, holidays, or other coating damage after 3000 hours exposure to salt spray fog at 70% GUTS.

ASTM G 14 with result of no cracking, shattering, or bond loss.

ASTM D 968 with less than 10 mils loss of coating.

ASTM A 370 with result of no cracking or disbonding when bending strand around mandrel of diameter 32 times nominal strand diameter.