Epoxy Coated 7-Wire Strand for Prestressed Concrete

Send a personalized submittal package to:

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MnDOT Bridge Office  
Bridge Standards Engineer  
3485 Hadley Ave North  
Oakdale, MN 55128  
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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.