The Challenge — to repair underwater sections of concrete piles located on the main section of pier.

The Solution — Because Five Star® Cementitious Underwater Grout is pumpable, and salt and seawater resistant, it was the Five Star® product of choice for this repair project.

A high-density polyethylene (HDPE) liner was used to encompass the pile and Five Star® Cementitious Underwater Grout was pumped in by underwater divers.

Using this Five Star® product enabled us to complete this project on time and on budget.
CEMENTITIOUS UNDERWATER GROUT

PRODUCT DESCRIPTION

Five Star® Cementitious Underwater Grout is an underwater pump grade, cement-based, non-shrink grout for pile restoration and similar applications. When tested in accordance with ASTM C 827, Five Star® Cementitious Underwater Grout exhibits positive expansion. Five Star® Cementitious Underwater Grout meets the performance requirements of ASTM C 1107 and CRD-C 621 specifications for non-shrink grout.

ADVANTAGES

• Placement via tremie or pump
• Salt and seawater resistant
• Non-ferrous, non-corrosive
• Locally manufactured under strict quality control standards
• Non-shrink from time of placement

USES

• Pile repair and restoration
• Grouting underwater
• Grouting areas subject to saltwater exposure
• Installation of anchors and dowels

FIVE STAR® SERVICES

• Design-A-Spec™ engineering specification assistance
• Technical on-call center with field and project experienced staff
• Field support representatives for on-site consultation
• Corporate research laboratory available to customize products for unique applications

For worldwide availability, additional product information and technical support, contact your local Five Star® distributor, local sales representative, or you may call the Five Star Products’ Engineering and Technical Service Center at +1 203-336-7900.

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