SeaShield Marine Systems

Features

- Non-corrosive
- Minimum labor cost
- Lightweight
- Quick and economical solution to repair deteriorated piles
- Extends life span of pile
- Easy to apply concrete encasement jacket
- Zipper closure system
- Long maintenance-free service life

Fab-Form Pile Jacket

Nylon fabric jacket to provide a form for encasement of concrete

SeaShield Fab-Form is a ballistic nylon fabric form jacket that provides a quick and economical solution to repair deteriorated pilings. The Fab-Form jacket is designed for concrete encasement to strengthen and extend the life span of timber, concrete and steel piles.

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Materials

The SeaShield Fab-Form Jackets are comprised of a ballistic material that is impermeable and prevents weeping and loss of concrete fill into the surrounding environment.

The Fab-Form Jackets can be manufactured in 1' to 50' long sections. The jackets are provided with a zipper closure system, constructed of brass teeth on nylon cotton tape. All seams are folded and double needle stitched. The concrete grout shall be specified by the owner or engineer.

For further details please refer to the technical data sheet for SeaShield Fab-Form.

Find Out More

Contact Premier Coatings Ltd. for a complete literature package or a no-cost on-site evaluation of your application:

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PRODUCT DATA SHEET

FAB-FORM PILE JACKET

Ballistic Nylon fabric jacket to provide a form for encasement of concrete

Description

SeaShield Fab-Form is a ballistic nylon fabric form jacket that provides a quick and economical solution to repair deteriorated pilings. The Fab-Form jacket is designed for concrete encasement to strengthen and extend the life span of timber, concrete and steel piles.

Features

- Non-corrosive
- Minimum labor cost
- Lightweight
- Quick and economical solution to repair deteriorated piles
- Extends life span of pile
- Easy to apply concrete encasement jacket
- Brass Zipper closure system
- Drawstrings at top and bottom
- Injection ports (optional)
- Long maintenance-free service life

Application

Thoroughly clean the existing pile by waterblasting or other acceptable methods. All loosely adhered surface contamination such as rust scale, spalled concrete and marine organisms shall be removed. Install steel or other reinforcement to the pile as required by project specifications. All ends of reinforcing steel shall be turned toward the pile to avoid damage to the fabric jacket. If required, spacers shall be installed to maintain adequate mortar coverage over reinforcing. All spacers shall be non-metallic. Position the Fab-Form around the pile and secure with strapping to the pile or to suitable supporting and/or spacing members. The zipper shall then be closed by sliding from top down. Fill the Fab-Form Jacket with a cementitous fill at a constant rate of placement through the port holes with hose extending down to the lowest point of the jacket. Concrete should not be allowed to fall freely through water or air and should be injected in such a manner as to assure uniformly sound and undiluted concrete in the pile jacket. Fill should not drop from top to bottom of the jacket which could result in a separation of the cement. **Note: Fill should include a superplastizer, small rock pump mix and a slump of 8" to 10".**

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Fab-Form Pile Jacket

Property Specifications

Properties	Test Method	Value
Fabric Description		
Warp	42 ends/in 1050 Denier Nylon	(ASTM D5261)
Fill	40 picks/in 1050 Denier Nylon	
Approximate Weight	12.3 oz/sy	
Typical Fabric Test Data		
Grab Strength	Warp: 900 lbs. @ 44% Elongation Fill: 825 lbs. @ 44% Elongation	(ASTM D4632)
Trapezoidal Tear Strength	Warp: 400 lbs. Fill: 350 lbs. @ 44% Elongation	(ASTM D4533)

*Other thicknesses (3/16" or 1/4") are available on request.

Application

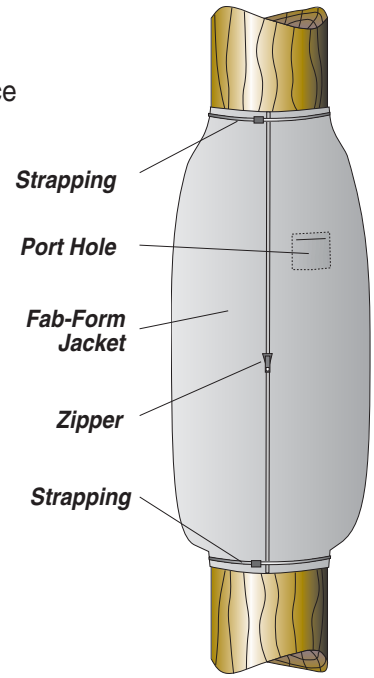
1. Thoroughly clean the existing pile by waterblasting or other acceptable methods. All loosely adhered surface contamination such as rust scale, spalled concrete and marine organisms shall be removed.

2. Install steel or other reinforcement to the pile as required by project specifications. All ends of reinforcing steel shall be turned toward the pile to avoid damage to the fabric jacket.

3. If required, spacers shall be installed to maintain adequate mortar coverage over reinforcing. All spacers shall be non-metallic.

4. Position the Fab-Form around the pile and secure with strapping to the pile or to suitable supporting and/or spacing members. The zipper shall then be closed by sliding from top down.

5. Fill the Fab-Form Jacket with a cementitous fill at a constant rate of placement through the port holes with hose extending down to the lowest point of the jacket. Concrete should not be allowed to fall freely through water or air and should be injected in such a manner as to assure uniformly sound and undiluted concrete in the pile jacket. Fill should not drop from top to bottom of the jacket which could result in a separation of the cement. Note: Fill should include a superplastizer, small rock pump mix and a slump of 8" to 10".



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