

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 cementitious 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 superplasticizer, small rock pump mix and a slump of 8" to 10" (200 - 250 mm).**



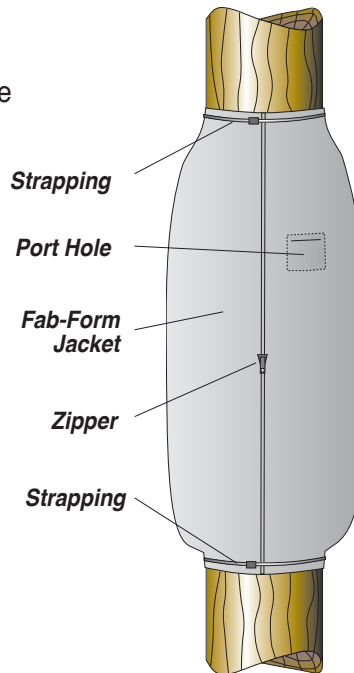
Fab-Form Pile Jacket

PROPERTY SPECIFICATIONS

PROPERTIES	TEST METHOD	VALUE
Fabric Description		
Warp	(ASTM D5261)	42 ends/in 1050 Denier Nylon
Fill		40 picks/in 1050 Denier Nylon
Approximate Weight		12.3 oz/sy (349 gr/sy)
Typical Fabric Test Data		
Grab Strength	(ASTM D4632)	Warp: 900 lbs. (408 kg) @ 44% Elongation Fill: 825 lbs. (374 kg) @ 44% Elongation
Trapezoidal Tear Strength	(ASTM D4533)	Warp: 400 lbs. (181 kg) Fill: 350 lbs. (158 kg) @ 44% Elongation

APPLICATION

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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 cementitious 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" (200 - 250 mm).



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