



SEAL WRAP FC

PRODUCT DESCRIPTION:

SEAL WRAP FC is a fast curing pre-impregnated fiberglass composite that is activated and cured by water. Designed for leak sealing, reinforcement of piping and structural supports experiencing wall-loss due to corrosion/erosion, and protection against impact and abrasion. SEAL WRAP FC restores pipe and critical infrastructure to its original operating pressure.

FEATURES:

- Cures in 5 minutes (70°F / 21°C)
- Can be applied in fresh water or salt water.
- Can be applied in splash zones and in submersible situations to a depth of 50 ft.
- Easy to use, no mixing
- Excellent resistance to high impacts and heavy abrasion
- Excellent return to service time
- Woven fabrics provide high tensile strengths and increased impact resistance
- UV Stable

STORAGE AND HANDLING:

Temperature Range 55°F- 80°F
Avoid temperatures below freezing
Avoid excessively hot conditions
Exercise caution when storing to not puncture packaging

PACKAGING:

- 4" x 15 ft.

LIMITED WARRANTY

For warranty information please visit

http://www.jetlube.com/pdf/Limited_Warranty_At_Delivery_Deacon.pdf You can also email us at sales@jetlube.com

GENERAL CHARACTERISTICS:

Resin Type	Moisture-Cured Urethane
Color	Black
Fabric Type	Woven
Fabric Material	Fiberglass
Shelf Life	> 2 Years

FABRIC PROPERTIES:

Tensile Strength	47,000 PSI
Lap Shear	420 PSI
Shear Strength	2,800 PSI

PHYSICAL PROPERTIES:

Hardness (Shore D)	80+
Application	
Minimum Temperature*	32°F / 0°C
Maximum Temperature*	180°F / 82°C
Service Temperature	250°F / 120°C
Working Time (70 °F)	5 Minutes
Functional Cure	30 Minutes
*** Slow Cure Resin Available at Request***	

PRODUCT APPLICATIONS:

Abrasion Resistance
Backfill Protection
External Corrosion
Impact Resistance
Leak Repair
Structural Reinforcement
Surface to Air Transitions

SURFACE PREPARATION:

Maximum adhesion is achieved via a firm, clean, and abraded surface. For best results, abrasive blasting is recommended. When blasting is not suitable, roughen surface as application allows. Ensure surface is free of all grease, oils, waxes and debris.

INSTALLATION PROCEDURE FOR ACTIVE LEAKS:

1. Remove all contents from the packaging. The packaging serves as the water containment to activate the resin.
2. Locate the through-wall position.
3. Roughen the surface using sandpaper to provide a profile on the entire circumference of the pipe area to be wrapped.
4. Further prepare surface via removal of any and all dust, debris, and residues. Utilize a solvent wipe if necessary.
5. Open, knead together, and set aside DEACON DIAMOND PUTTY.
6. Remove wrap from pouch and place in water to begin resin curing process. Keep in water for up to 20 seconds.
7. Remove the wrap from water and place the loose tail on the pipe (1) fabric width from through-wall location.
8. Begin wrapping straight circumferentially and pulling with medium to high tension.
9. Move wrap with 50% overlap towards the through wall, as the fabric comes into contact with the leak area, place the DEACON DIAMOND PUTTY in the fabric and utilize the fabric as a tensioning strap with which to pull into the leak.
10. Continue to wrap straight circumferentially over the through-wall location, pulling with medium to high tension.
11. Be sure to wrap material without buckles and/or kinks as this will diminish the performance of the material.
12. Upon finishing the roll, continue to add water to the system to aid in the curing process until the resin is no longer tacky.