SEAL WRAP SC

PRODUCT DESCRIPTION:

SEAL WRAP SC is a 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 SC restores pipe and critical infrastructure to its original operating pressure.

FEATURES:

- Cures in 30 minutes (70ºF / 21ºC)
- 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 55ºF- 80ºF
Avoid temperatures below freezing
Avoid excessively hot conditions
Exercise caution when storing to not puncture packaging

PACKAGING:

- 4” x 30 ft.
- 6” x 30 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	White
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)	70-72
Application	
Minimum Temperature*	45ºF / 7ºC
Maximum Temperature*	180ºF / 82ºC
Service Temperature	250ºF / 120ºC
Working Time (70ºF / 21ºC)	30 Minutes
Functional Cure	4 Hours

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:

1. Remove all contents from the packaging. The packaging serves as the water containment to activate the resin.

2. Roughen the surface using sandpaper to provide a profile on the entire circumference of the pipe area to be wrapped.

3. Further prepare surface via removal of any and all dust, debris, and residues. Utilize a solvent wipe if necessary.

4. Remove wrap from pouch and place in water to begin resin curing process. Keep in water for 30 seconds.

5. Remove the wrap from water and place the loose tail on the pipe (1) fabric width outside the area to be repaired.

6. Begin wrapping straight circumferentially, moving and forth across the surface, utilizing a 50% overlap, until the wrap has been applied (1) fabric width outside the area to be repaired.

7. Apply a total of 4-16 layers (depends on application).

8. Be sure to wrap material without buckles and/or kinks as this will diminish the performance of the material.

9. Use JACKET WRAP to compress the material following instructions on the TDS.

10. As the resin begins to cure, swelling and bubbling will occur. Use a porcupine roller to perforate the JACKET WRAP which will release the gases / pressure build-up.

11. Wrap will harden in 30 minutes (70ºF / 21ºC). Functional cure in 4 hours. Cure time will be longer in dry climates or cold temperatures.