BONDING FRP SADDLES AND SPACERS FOR LARGE DIAMETER PIPE

The following instructions are the recommended steps for using Epoxy Seam Sealer to bond FRP Saddles to large diameter (12” & up) pipe. The instructions generally apply for using two type 180 saddles for 360° coverage. The procedure is also applicable for other FRP products.

All FRP and pipe substrates should be prepared and staged prior to mixing.

Please watch application procedure video for FRP/ Epoxy Seam Sealer on our website **www.glasmesh.com**

Glas Mesh Company can supply Jiffy mixer drill attachment, ask for pricing.

* Depending on temperature, mixing multiple kits will shorten pot life in container.

* When air temperatures are cooler and approach 50° F, it is helpful to warm up Epoxy before mixing. Placing the kits on the floor boards of a truck with heat on high is effective.

1) Pour up to five kits into a larger container and use a hand drill with a jiffy mixer to speed up mixing. Epoxy should be uniform in color with no streaks.

2) Trowel epoxy onto prepared substrate, and spread evenly with the included disposable putty knives. The putty knives will spread the epoxy more efficiently and easily over entire inside surface of FRP material. See table for approximate usage rates.

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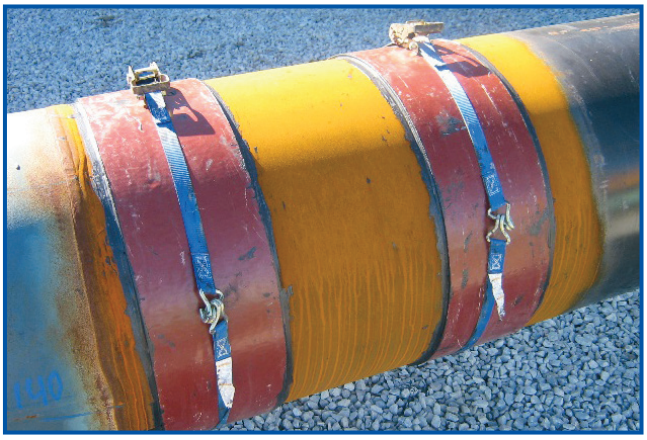
(Continued)

3) Place FRP Saddles on the pipe and apply adequate pressure to ensure all FRP/ pipe interfaces are covered with no voids. A small excess of epoxy should be present at the edge of the FRP material. Trowel off excess epoxy for smooth seam.

4) Secure the FRP material using ratchet straps or large wire ties. Allow the epoxy to cure approximately 24hrs at ambient temperatures before removing straps.



***APPROXIMATE USAGE RATES**

PIPE	TYPE# 180	TYPE# 120
12″	1 ½ lbs.	1 lb.
14″	1 ½ lbs.	1 lb.
16″	1 ½ lbs.	1 lb.
18″	2 lbs.	1 ½ lbs.
20″	2 lbs.	1 ½ lbs.
24″	2 lbs.	1 ½ lbs.
30″	2 ¾ lbs.	2 lbs.
36″	3 ½ lbs.	2 ½ lbs.

*Based on 12" lengths

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