

Girth Weld Coating



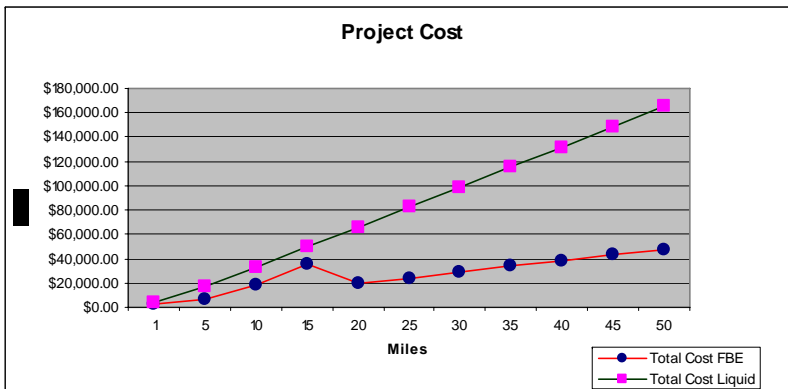
FBE



Liquids

Project Cost											
Miles	1	5	10	15	20	25	30	35	40	45	50
Jts	132	660	1320	1980	2640	3300	3960	4620	5280	5940	6600
Materials FBE	\$5.18	\$5.18	\$5.18	\$5.18	\$5.18	\$5.18	\$5.18	\$5.18	\$5.18	\$5.18	\$5.18
Equipment FBE	\$12.50	\$4.17	\$8.33	\$12.50	\$2.08	\$2.08	\$2.08	\$2.08	\$2.08	\$2.08	\$2.08
Cost Per Weld FBE	\$17.68	\$9.35	\$13.51	\$17.68	\$7.26	\$7.26	\$7.26	\$7.26	\$7.26	\$7.26	\$7.26
Total Cost FBE	\$2,333.76	\$6,168.80	\$17,837.60	\$35,006.40	\$19,175.20	\$23,969.00	\$28,762.80	\$33,556.60	\$38,350.40	\$43,144.20	\$47,938.00
Cost Per Weld Liquid	\$25.00	\$25.00	\$25.00	\$25.00	\$25.00	\$25.00	\$25.00	\$25.00	\$25.00	\$25.00	\$25.00
Total Cost Liquid	\$3,300.00	\$16,500.00	\$33,000.00	\$49,500.00	\$66,000.00	\$82,500.00	\$99,000.00	\$115,500.00	\$132,000.00	\$148,500.00	\$165,000.00

Notes: Estimate based on 24" O.D., Standard 2"-3" cut-backs, 14 mils (min) DFT, Labor not Included, 1 mile a day, 40' pipe



FBE

- FBE is the preferred girth weld coating.
- Using the same FBE as the parent coating provides a high level of performance and total integration of the coatings.
- FBE Cure time is typically less than a minute.
- The Quality and integrity of the anti-corrosion coating is maintained throughout the pipeline.
- FBE requires no mixing.
- An automated application reduces the risk of human error.
- FBE is the optimum coating in all soil types.
- FBE girth welds are very cost effective, especially over larger projects.
- FBE has little to no waste product for every girth weld.

Liquids

- Liquid has a higher risk of row contamination due to longer cure times.
- You have a limited time to apply the liquid once it has been mixed.
- Liquid needs to be the right mixture in order to provide the correct corrosion protection.
- The application of liquid requires additional PPE.
- If the liquid is applied by hand, the risk of human error increases along with the increase of waste and cost due to the application methods.
- Cure time without preheat is exp. 75 minutes/ 20 mils
- All liquid that comes into contact with the environment must be disposed of properly along with all the application tools.