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Syntho-Glass® XT Application

Surface Preparation

1. Promote adhesion by removing pipe coating, rust, paint and other foreign matter in accordance with Sa 2.5, NACE 2 or white metal.

Syntho-Steel® Load Transfer Putty

2. Syntho-Steel putty fills all pits, dents and other anomalies effectively transferring the hoop load to the high tensile strength composite.

Syntho-Subsea® High Compression

3. Kevlar filled Subsea epoxy ensures a water-tight seal over the repair area while providing chemical resistance.

Syntho-Glass®XT Extreme Tensile Strength Composite

4. The bi-directional fiberglass permanently repairs and reinforces both the internal & external corrosion damage.

Syntho-Glass® XT Case Study

- DOT regulated, high consequence natural gas pipeline located in a residential area next to an interstate highway. 1275 PSI carbon steel schedule 40 natural gas transmission line with 50% wall loss at the ground to air interface. Shutting down was not an option.

- Syntho-Glass® XT fully restored the pipe's hoop and axial strength to enable operation at full MAOP.

Syntho-Glass® XT saved thousands of natural gas home owners from being without service. The gas transmission company saved time, money and maintained good public relations.

How can Syntho-Glass® XT help you?