

Case Study

Injection line near welding joint - Casing end seal system



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Surface Preparation

Surface preparation on both the carrier and casing pipe should be a min of 10" in both directions.

Minimum surface preparation should be SSPC-SP2 (Hand Tool Clean). Clean surface with denatured alcohol or acetone.



2 Viscotaq®Viscopaste Application

Apply Viscotaq® Viscopaste inside of casing between the casing and carrier pipe. Taper Viscotaq® Viscopaste at a 30° angle from the casing pipe to the carrier pipe.



3 Viscotaq® Viscowrap Application

Apply Viscotaq® Viscowrap with a 50 % overlap from casing pipe to carrier pipe, wrap at an angle with slight tension to create a smooth overlap.



4 PE/PVC Outerwrap Application

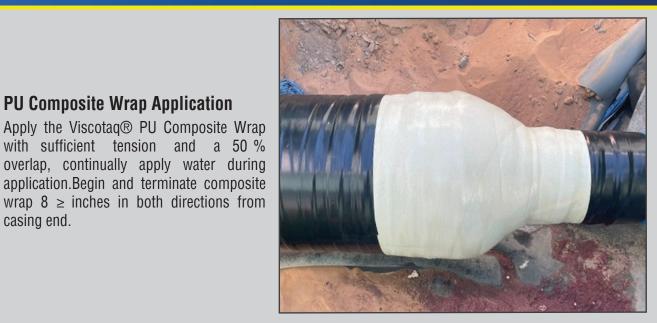
Viscotaq® Outer Wrap should be wrapped with tension and a minimum of 50 % overlap. A 1/4" section of Viscotaq® Viscowrap should still be visible at after the Viscotaq® PVC / PE Outer Wrap had been applied.



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PU Composite Wrap Application Apply the Viscotaq® PU Composite Wrap with sufficient tension and a 50 % overlap, continually apply water during

> wrap $8 \ge$ inches in both directions from casing end.



UV Resistant Top Coat

The final layer has to be painted with a UV Resistant Top Coat.



Design Criteria

Location : Dubai, U.A.E **Project** : Casing End Seal System Pipe Size : 12" Temperature : 45 ° to 50 °C Lifetime : 20 Years **Project Completed** : 25 August 2021