

**Injection line near welding joint
- Casing end seal system**



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1 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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5 PU Composite Wrap Application

Apply the Viscotaq® PU Composite Wrap with sufficient tension and a 50 % overlap, continually apply water during application. Begin and terminate composite wrap 8 ≥ inches in both directions from casing end.



6 UV Resistant Top Coat

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



7 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