



Viscotaq® Protection for Buried Flanges

1 Repair Area

The minimum surface should be ST2 (Hand Tool Clean) or ST3/ (Power Tool Clean).
Degrease and clean the surface using acetone /MEK.



2 Viscotaq® Viscosealant/ Viscopaste Application

Viscosealant is to be applied into the gap between the flange faces using injector tool.
For optimum application of Viscopaste, the material should have a temperature 25°C/77°F. Use putty knife knead the Viscopaste at a 45° angle from the flange rim toward the pipeline. All bolts and nuts should be covered with Viscopaste.



3 Viscotaq® Viscowrap Application

Apply Viscotaq® Viscowrap into the direction of the factory coating and end straight with an overlap of minimum 100cm/4” onto the factory coating. Continue the application of wrap with 1cm overlap between the layers. Lay the Viscotaq® Viscowrap around the main pipe and smooth the fabric on to the surface of flange.



4 Viscotaq® Outerwrap Application

Start with a circumferential wrap. Apply the Outer Wrap criss-cross around the flanged connection until all Viscowrap is covered. Finish the flange with Outer Wrap on straight sections. Apply with 50% overlap, with tension and without any air inclusions. Leave 1/4” section of Viscotaq® Viscowrap outside on both ends.



5 Design Criteria

Pressure Rating	: PN16
Temperature	: 30°C-40°C
Client	: Al Nasr Contracting
Project	: Fire & Safety Requirement for Service road of al maryah island
Project Completion	: 06 April 2021
Location	: Abu Dhabi, U.A.E