

VISCOTAQ® Transition Coating (Soil / Air)

Product description

VISCOTAQ® is a non crystalline a-polar viscous elastic (viscoelastic) solid polyolefin coating for corrosion prevention of underground and aboveground substrates. VISCOTAQ'S® molecular chemistry is unique and designed in such a way that the viscosity gives it permanent wetting characteristics and the elasticity of the product provides the strength and feeling of a solid. The VISCOTAQ® compound bonds to the substrate by means of Van der Waals principals, penetrating the pores and anomalies of the substrate. The coating remains in intimate contact with the substrate creating an impermeable homogeneous corrosion prevention coating.

General information

The soil to air interface can be a problematic area for coatings and a common place of corrosion. Soil to Air interfaces on pipeline risers can be subjected to localized corrosion due to groundwater from snowmelt and rain. High metal skin temperatures from produced fluids, oxygen differential, ph levels created by organic matter and in some cases soil type differentials also are causes of corrosion at the interface. Furthermore soil movement contributes to corrosion levels at the soil air interface because of the abrasive nature of sands, pebbles and rocks.

VISCOTAQ® is an ideal corrosion prevention coating for these transitions. VISCOTAQ® can be applied with minimal surface preparation, does not require primer and forms a homologue continuous, self-healing corrosion prevention coating. VISCOTAQ® bonds at a molecular level creating an impermeable barrier to moisture & oxygen. VISCOTAQ® shows excellent adhesion to the steel surface but also to underground and above ground coating systems, essential for a transition coating. VISCOTAQ® always remains in a semi solid state that provides high impact strength and allows for a high resistance against sheering. Ease of application and outstanding performance is what makes VISCOTAQ® an excellent technology for corrosion prevention.

- The transition from soil to air of a pipeline is extremely sensitive to corrosion
- Under ground and above ground coatings can be different, the transition coating must show excellent adhesion to both types of coatings
- Always start wrapping from the bottom to the top: the overlap is then on top of the previous wrap in the upper direction

Materials

- VISCOTAQ® VISCOWRAP (ST or HT)
- VISCOTAQ® OUTER WRAP (PE, PVC or Composite Wrap)



Application

Protect the riser $\geq 18"$ above and below the soil/air transition

Surface preparation

The surface area to be coated should be inspected prior to coating; known defects must be documented and photographed prior to application.

- Minimum surface preparation should be ST2/ SSPC-SP2 (Hand Tool Clean).
- Once loose materials are removed, clean surface with denatured alcohol or acetone to remove any remaining dust, grease and moisture.
- Surface of the substrate should be 5°F+ above the dew point.
- Keep the working area clean and dry at all times. Avoid the presence of water.
- The adjacent coating should be roughened by means of sand paper or a grinding machine (If applicable). Suggested overlap onto the existing pipe coating: $< 30"$ pipelines 4" overlap, $> 30"$ pipelines 6" overlap.

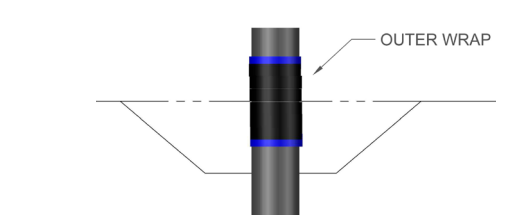
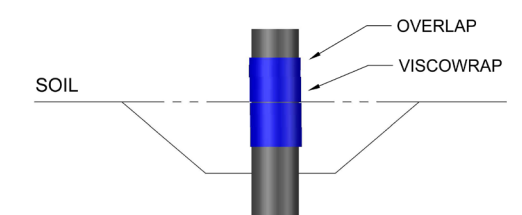
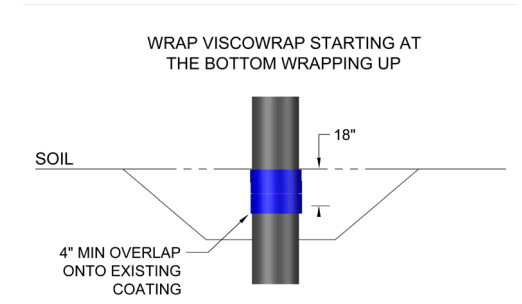
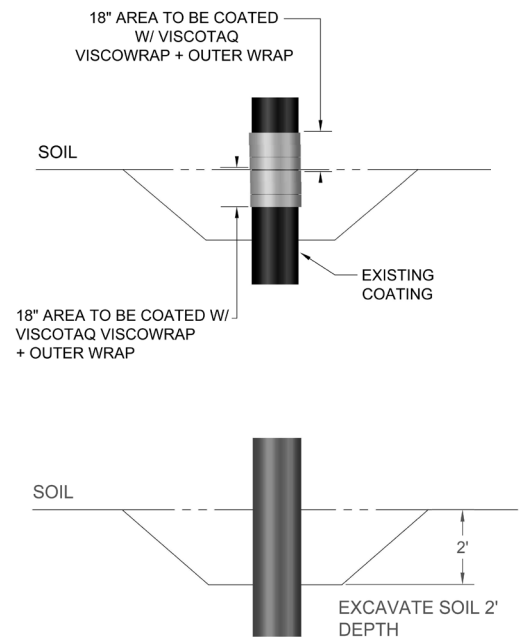
VISCOTAQ® ViscoWrap

- VISCOTAQ® VISCOWRAP is applied by removing the release liner and placing adhesive side on the pipe.
- Wrap VISCOTAQ® ViscoWrap from bottom up. First wrap should be a straight circumference wrap starting on the existing coating.
- Once initial straight circumference wrap is completed, wrap with slight tension and a minimum 1/2" overlap.
- Wrap at an angle to create a smooth overlap and to ensure no air pockets are formed during wrapping
- End wrapping of ViscoWrap with a straight circumference wrap.
- For coating repairs and difficult to reach areas VISCOTAQ VISCOWRAP can be applied in pieces, strips or individual circumference wraps (cigarette wrap).

VISCOTAQ® Outer Wrap, PE or PVC

- Outer Wrap should be wrapped with tension and a minimum of 50% overlap wrapping from bottom up.
- First wrap and termination wrap should be a straight circumference wrap.
- A 1/4" section of ViscoWrap should still be visible at after the PVC or PE Outer Wrap had been applied.

VISCOTAQ Composite Wrap can be used in place of or in addition to the PVC or PE when additional mechanical protection is required.



sales@vcpsales.com
o. 917.768.4755
www.vcpsales.com

Trusted Distributor &
Certified Trainer of the
Viscotag® Brand