VISCOTAQ® Waterproofing System

Pipe, Conduit & Cable Penetrations

Product description

VISCOTAQ® is a non-crystalline a-polar viscous elastic (viscoelastic) solid polyolefin for corrosion prevention & waterproofing 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 compound remains in intimate contact with the substrate creating an impermeable homogeneous waterproof seal.

General information

VISCOTAQ® is designed to bond at a molecular level and create a waterproof seal, the unique characteristic of the VISCOTAQ VISCOSEALANT allow it to seal penetrations of pipes, conduits, cables and etc. The amorphous nature of the compound keeps the products flexible and allows it to create a waterproof seal even at penetrations where vibrations and even moisture are present.

- Minimal surface preparation, SP2
- Wide temperature ranges for application
- Easy to apply
- Remains flexible
- Non toxic
- Patented Technology
- Environmentally friendly
- Low glass transition temp
- Compatible with other coatings
- Long lasting synthetic composition
- No primers
- UV Resistant
- Molds and forms easily
- Manufactured under ISO9001 standards
- Made in the USA
- Tested to latest ASTM & CSA standards
- Bonds by means of Van der Waals bonding principals; penetrates the substrate
- Continuous wetting of the substrate (remains in intimate contact with substrate)
- Creates an impermeable/waterproof barrier
- No special requirements for shipping, storage or disposal

Materials necessary

- VISCOTAQ® VISCOSEALANT
- Applicator gun
- Backer Rod
- Putty knife

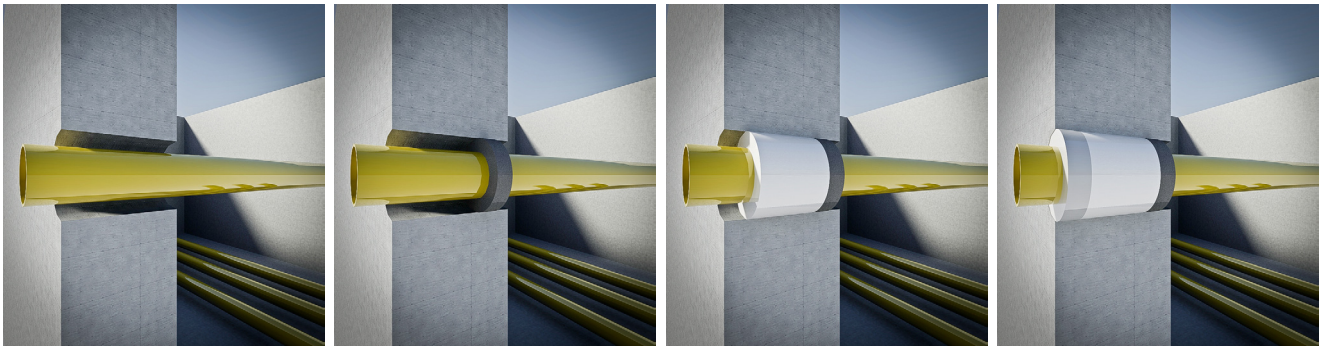
Application

Surface preparation

- Minimum surface preparation should be ST2/ SSPC-SP2 (Hand Tool Clean).
- Clean all surfaces to be coated to Solvent Clean SSPC-SP1, using an Oil Free Solvent (Acetone, Denatured Alcohol or Isopropyl alcohol) to remove all mud, mill lacquer, wax, tar, oil, grease and other foreign particles. NOTE: Industrial grade citrus-based (d-Limonene) products are not approved for use as an oil free solvent.
- Keep the working area as clean and dry as possible, minimize the presence of water.

If prepping concrete:

- Extra precautions should be taken to ensure concrete is dry and clean.
- Compressed air can be used to dry the concrete substrate and to remove fine dirt and dust.
- Heating of concrete may be needed to draw out any moisture in the pores of the concrete substrate.



Backer Rod:

- Install backer rod ≥ 3" deep inside void, if a grout is to be used after installation of the VISCOSEALANT to provide additional mechanical protection and strength, install backer rod ≥ 5" deep inside void.
- If multiple pipes, cables, conduit, etc. are present, use the backer rod to create space between penetrating items of a minimum of ½".

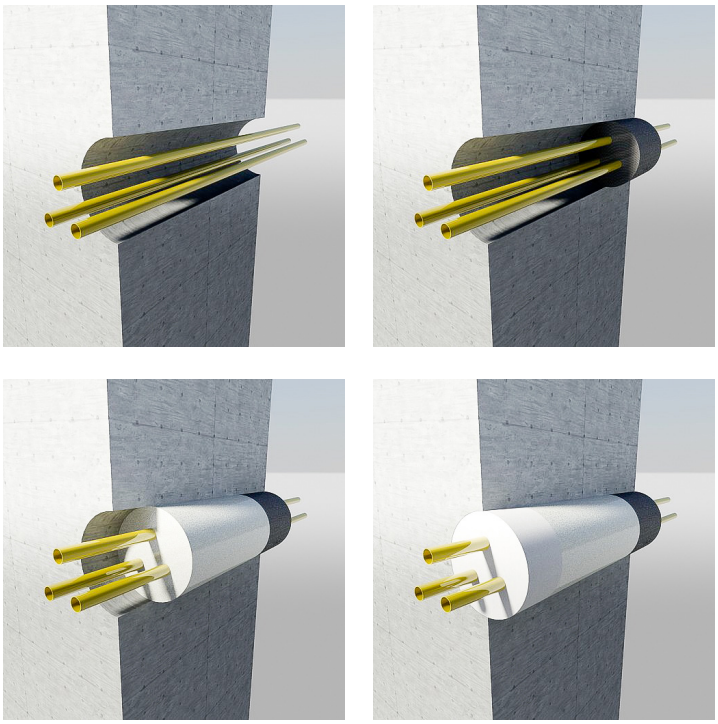
VISCOTAQ® VISCOSEALANT

Pneumatic applicator gun is strongly recommended.
For optimum application of VISCOSEALANT, preheat material to 35°C/90°F.
Always open cartridge dispersion area to full capacity.
VISCOSEALANT should, always be applied 2"+ into void.

- Apply VISCOTAQ® VISCOSEALANT with an applicator gun starting at backer rod and working outward towards opening.
- Apply VISCOSEALANT in a manner to create as few air pockets as possible.
- For applications where grout is to be used following the VISCOSEALANT, stop VISCOSEALANT 2" prior to end.
- Use a putty knife to smooth and pack sealant into void.

Finishing

- It is advised to always use grout style material to seal the end of the void after the VISCOSEALANT has be installed. The grout will provide protection in order to obtain a proper sealing against the pressure of water.
- In case no grout is used, the injection can be ended by making a smooth finish with a putty knife at the beginning of the conduit.
- In cases were a grout is used, leave a depth of 2" at the beginning of the conduit free.
- Install grout per manufactures recommendations.



AMCORR PRODUCTS & SERVICES
Amcorr Products & Services
San Antonio, TX
United States of America
Toll free : 877-586.3710(USA only)
E-mail : info@amcorrusa.com
Web : www.amcorrusa.com