



ALLTER

ALTERNATE
CORROSION
PREVENTION
SYSTEMS



ViscoRite VE Filler

PRODUCT DATA SHEET

Selection and Specification Data

Generic Type Non-toxic, single component non-crystalline pure homopolymer Polyisobutene based injection filler.

Product Description ALLTER VE Filler is a corrosion protective, non-curing, surface tolerant filler material designed for filling and protecting difficult to clean corrosion sensitive areas in narrow, difficult to access annular spaces, both above and below ground, such as spaces between flanged connections, areas around bolt threads, bolt holes and at spaces where water can access the non-protected areas. The filler material can be applied by hand or by means of injection tools equipped with a flexible nozzle. The material does not cure and is not able to build-up internal stresses, thus fully amorphous. Furthermore the material stays permanent viscous over extreme long time. The filler material will keep flowing and over time wetten all the substrate is applied to and fill all irregular spaces. The VE filler material shall be covered with a mechanical protective layer, such as ALLTER tape PE / PVC / Self fusion tape or ALLTER ViscoRite material, at all times.

- Features**
- Non-toxic material, safe for humans, animals and the environment.
 - Excellent barrier properties.
 - Adheres to any dry substrate.
 - Material remains flexible, even at lower temperatures
 - Surface tolerant material (minimum St2/SSPC-SP2)
 - Can be applied by hand or Injection tool.
 - No need for curing.
 - Seals off and stops active corrosion.
 - Blocks H₂S gas.
 - Compatible with common protective coatings.

Color Turquoise

Volume Solids 100%

Allter-ViscoRite™ VE Filler

VOC	0 g/l (0 lbs/gal)
Temperature Resistance	-30 up to +70°C (-4 up to 158°F)
Topcoats	ALLTER TAPE™ PVC or PE Outerwrap / ALLTER ViscoRite / ALLTER Glass Shield™ for additional mechanical protection.

Substrate and Surface Preparation

General	Remove all dirt, grease, mill scale, loose rust and any other contaminants that can reduce adhesion according SSPC-SP1. Recommended substrate preparation as listed below.
Carbon steel, Cast Iron and coated steel	Minimum substrate preparation St2/St3/SSPC-SP2/SP3. A specific surface profile (Rz) is not required.
PE and PP	Minimum St2/St3 (SSPC-SP2/SP3). A specific surface profile (Rz) is not required.
Stainless steel and non-ferrous metals	Minimum St2/St3 (SSPC-SP2/SP3). A specific surface profile (Rz) is not required.
Galvanized steel	Remove corrosion deposits when present according to minimum St2/St3/SSPC-SP2/SP3.

Mixing and Thinning

Mixing	No mixing. Ready to use material.
Thinning	No thinning. Ready to use material.

Application & Equipment

General	This material can be simply applied by hand or injection tool.
Application	<p>The (preheated) Filler material can be injected to the area to be protected by injection gun with flexible nozzle, or simple applied to the substrate by hand.</p> <p>Before application ensure the substrate is free from grease, oil and any loose particles / coating.</p> <p>The substrate to be 3C above dewpoint.</p> <p>Cleaning of the substrate by means of wire brush , MONTI Bristle blaster / MBX, gritblasting or High Pressure Water Jetting.</p> <p>Areas / surface not to be protected by the filler material shall be protected by masking tape.</p>

Allter-ViscoRite™ VE Filler

Application Conditions

Properties	Test Method	Typical Values
Density	NEN 1833	1,2 – 1,5g/cm ³
Adhesion	ISO 21809-3	Cohesive fracture
Application Temperature		+5 - +70C
Drip resistance	ISO 21809-3	No drip @ 85C, 72hrs.
Moisture absorption	ASTM D-570	< 0.07%
Saltspray resistance	ASTM B-117	No corrosion for 720hr (5% NaCl @ 85C)
Resistance against thermal ageing	ASTM D-570	No Change in properties

Cleanup and Safety Information

Cleanup NR

Safety This does not contain any hazardous ingredients. See SDS for specific information.

Packaging, Handling and Storage

Shelf life Unlimited at 23°C (73°F)

Storage temperature and humidity 4 - 50°C (39-122°F).
85%.

Packaging 2 Kg Sausage

Storage Material should be stored indoors, clean and dry, kept away from direct sunlight.

Flash point (ISO 1523) NR

DATE: November 2021

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