



ViscoRite VE Putty

PRODUCT DATA SHEET

Selection and Specification Data

Generic Type Non-toxic, single component non-crystalline pure homopolymer Polyisobutene based moldable putty.

Product Description ALLTER VE Putty is a corrosion protective, non-curing, surface tolerant moldable material designed for filling, shaping and protecting odd shaped and irregular surfaces. The material can be applied and shaped by hand. 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 material will keep flowing and over time wetting all the substrate it is applied to and fill all irregular spaces. The VE Putty material shall be covered with a mechanical protective layer, such as ALLTER Geotextile and ALLTER Tape PE / PVC / Self fusion tape or ALLTER Glass Shield, 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.
 - No need for curing.
 - Seals off and stops active corrosion.
 - Compatible with common protective coatings.

Color Turquoise

Volume Solids 100%

Allter-ViscoRite™ VE Putty

VOC	0 g/l (0 lbs/gal)
Temperature Resistance	-30 up to +50°C (-4 up to 122°F)
Topcoats	ALLTER Geotextile / ALLTER TAPET™ 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.
Application	<p>The Putty material can be applied to the substrate or area to be shaped / protected 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 Putty shall be protected by masking tape.</p>

Allter-ViscoRite™ VE Putty

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 - +30C
Drip resistance	ISO 21809-3	No drip @ 50C, 72hrs.
Moisture absorption	ASTM D-570	< 0.07%
Saltspray resistance	ASTM B-117	No corrosion for 720hr (5% NaCl @ 50C)
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

DISCLAIMER: Allter Coatings warrants that the product(s) represented within conform(s) to its/their chemical and physical description and is appropriate for the use as stated on the respective technical data sheet when used in compliance with Allter Coatings written instructions. Since many installation factors are beyond the control of Allter Coatings the user is obligated to determine the suitability of the products for the intended use and assume all risks and liabilities in connection herewith. Allter Coatings liability is stated in the standard terms and conditions of sale. Allter Coatings makes no other warranty either expressed or implied. All information contained in the respective technical data sheet(s) should be used as a guide and is subject to change without notice. This document supersedes all previous revisions. Please see revision date on the left. Allter® is a registered trademark.