

EASY-QOTE® VE-PASTE

Product Information

Product description: Easy-Qote® VE-Paste is a ready to use, high temperature, corrosion preventing mouldable compound in roll form. Excellent adhesion to bare metals commonly used in pipeline industry e.g. cast-iron, ductile iron, carbon steel, and alloy steel types. It also adheres very well to coatings commonly used in this industry e.g. PE, PP and FBE plant coatings. It is designed for use as moulding compound for filling voids, leveling irregular shaped surfaces and rounding internal corners to create a smooth transition prior to install Easy-Qote VE-Basecoat.

Easy-Qote® VE-Paste is a low temperature, cold applied non-cross-linking, viscous polymer with cold flow, and visco-elastic properties. Easy-Qote® VE-Paste is viscous at the indicated operating temperatures and, due to its liquid nature, flows into all irregularities of the substrate under pressure. The compound does not cure and is unable to build up internal stress. Easy-Qote® VE-Paste is fully resistant to water and is air and water-damp tight.

Features:

- 100% Solids visco-elastic polymer
- No VOC
- Ready to use product
- Inert to aging and weathering
- Surface tolerant product (minimum St2/St3 for steel)
- No surface profile required
- No corrosion creep
- Excellent corrosion protection on steel substrates
- Adheres on virtually all dry substrates
- Mouldable paste underneath Easy-Qote® VE-Basecoat
- Low temperature resistant without getting brittle
- Low surface tension/very good substrate wetting
- Very low gas-and water vapour permeability
- Environmentally friendly, no health and safety hazards to humans
- Service temperature (dry) from -45°C up to 70°C (-45 up to 158°F)
- Can be applied from -10 up to 49°C (14 up to 120°F)
- Resistant to many chemicals like water, salts, acids, alkalis, polar solvents, etc. For specific information, please consult Seal For Life Technologies & Services B.V.

Application examples

Application: below and above ground corrosion protection and moulding of flange-connections, insulation flanges and blind flanges. Joint sealing and casing sealing around air-pipes, above ground air-ducts, window frames, sealing-off crevices etc. Bolt and nut protection of manholes, pin-braze CP protection, sensor embedding, patching compound for filling pinholes and small voids underneath Easy-Qote® elastomers before re-spraying etc.

Adhesion Test

Tested at 23°C and 70°C on carbon steel and plant coatings PP, PE and FBE.
Results on all substrates:
- Cohesive failure, no evidence of adhesion failure.
>95% coverage of substrate

* According to ISO 21809-3: 2008/Amendment 1: 2011.

Application Instruction: Surface Preparation Steel

General	The area to be coated has to be clean, dry and free from oil, grease and dust. All contamination that could interfere with the adhesion of the coating has to be removed according to SSPC-SP1.
Preventing condensation on the substrate	Prior and during the surface preparation, the temperature of the substrate(s) must be at least 5°F (3°C) above the dew point.
Recommended Surface Profile	No surface profile required.

Application Instruction: Surface Preparation Concrete

General	Concrete must be cured to at least a maximum residual moisture content of 5%. The area to be coated has to be clean, dry and free from oil, grease and dust. All contamination that could interfere with the adhesion of the coating has to be removed according to SSPC-SP1 or equal. Leaks and water infiltrations must be eliminated.
Preventing condensation on the substrate	Prior and during the surface preparation, the temperature of the substrate(s) must be at least 5°F (3°C) above the dew point.
Recommended Surface Profile	No surface profile required.

Application Safety

General	Read the Product Data Sheet and follow the caution statements on the Material Safety Data Sheet. Personnel who will come into contact with the product should be using appropriate protection equipment. Follow national safety guidelines
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Application Conditions

	Product	Surface	Ambient	Humidity
Optimum	50-86°F (10-30°C)	14-86°F (-10-30°C)	41-86°F (5-30°C)	0-50%
Minimum	41°F (5°C)	14°F (-10°C)	14°F (-10°C)	0%
Maximum	86°F (30°C)	120°F (49°C)	120°F (49°C)	99%

Prior and during the application, the temperature of the substrate(s) must be at least 5°F (3°C) above the dew point.

Application Instruction: Hand Application

Step 1	Take the required amount of product from the roll and mould the material by hand in to the desired shape
Step 2	For all moulding operations press the VE Paste during application avoiding air entrapment. After modelling, the surface must be smooth to enable a proper installation of the additional materials. For filling voids and small imperfections, the use of a putty knife can be used to scrape off the excess material. For specific applications, please consult Seal For Life.

General Product Information

Colour	Grey
Finish	-
Primer	Self-priming
Dry Film Thickness	Minimum 2-3mm.
Density	1.35g/cm ³
Volume Solids	100%
VOC Content	0g/l.
Specific Electrical Resistance	>10 ⁸ Ω.m ²
Drip Resistance	Layer of 20mm. thickness: - No dripping up to 80°C*
Flash Point	NA
Mixing Ratio	NA
Potlife	NA

Inspection and Repair	
Inspection	The Easy-Qote® VE Paste must be visually inspected for any defects. The appearance must be smooth and should be shaped tight around all details. If required, a Pinhole/Holiday test can be generated according to NACE SP0188 (for steel substrates only) before application of one of the selected Easy-Qote® products.
Coating Thickness	NA
Repair	Defects must be located and repaired with the original used material.

Cleaning	
Cleanup	NA

Handling	
General	NA

General Order Information	
Product	Easy-Qote® VE PASTE. <u>Product dimensions and contents:</u>
Kit Options	2 Kg sausages: (9 sausages a box)
Handling	Handle with care. Keep boxes upright.
Storage	Store indoor, clean and dry, away from direct sunlight in a cool place below 95°F(18-35°C). Unlimited shelf life.

Additional Information	
Documentation	Application instructions and other documentation can be obtained by contacting our head office, from our local distributor or by sending email to info@sealforlife.com
Certified staff	Application of the described coating system should be carried out and inspected by certified personnel.