

EASY-QOTE® VE BASECOAT LT

Product Information

Product description: Easy-Qote® VE Basecoat LT is a unique low temperature, cold applied, non-crosslinking, non-crystalline, monolithic applied viscous polymer coating for atmospheric services. It has high tack and excellent adhesion to ferro- and non-ferro substrates, coated substrates, polymeric substrates like PP and PE, but also to dry concrete and asphalt when abrasive blasting preparation or grinding is no option. The Easy-Qote® VE Basecoat LT can be top-coated with various Easy-Qote® elastomeric coatings.

Features and Benefits:

- 100% Solids visco-elastic polymer
- No VOC
- Ready to use product
- Surface tolerant product (minimum St2/St3 for steel)
- No surface profile required
- Excellent corrosion protection on steel substrates
- Adheres on virtually all dry substrates
- Can be used as monolithic carrier for Easy-Qote® elastomeric top-coats
- Resistant to low temperatures without getting brittle
- Low surface tension and very good substrate wetting
- Very low gas-and water vapour permeability
- Resilient, sound-damping characteristic
- Easy dry installation, even with complex shapes
- Service temperature (dry) from -45 up to +50 °C [-49 to +122 °F]
- Can be applied from -10 up to +49 °C [14 up to +120 °F]

Application examples

Application: Surface tolerant primer underneath Easy-Qote® elastomeric systems when substrate preparation like blasting, grinding or etching is no option on steel or concrete substrates. Application examples are structural steel, pipeline exterior, secondary containments, tank exteriors, steel and concrete decking and many others.

Properties

Temperature range	Operational: -45 to +50 °C [-49 to 122 °F]
Dry film thickness	1,2 mm [47 mils] ± 10 %
Adhesion	Peel test at 10 mm/min [$\frac{3}{8}$ "/min] before ageing and after 100 days of thermal ageing at 50 °C [122 °F] (ISO 21809-3): – Cohesive separation, no signs of adhesive separation

General product information

Colour	Ivory
Finish	Non-woven fabric suited for application of Easy-Qote® Elastomeric top-coats
Primer	n.a.
Coverage rate (theoretical)	1,0 m ² [10.7 ft ²] per roll of 100 mm x 10 m [4" x 33']
Solids content	100 %
VOC content	0 g/l [0 oz/gal]
Flash point	n.a.
Mixing ratio	n.a.
Pot life	n.a.
Gel time	n.a.
Top-coat and recoat time	Can be top-coated immediately after application. Unlimited recoat when clean and dry.

General order information

Product	Easy-Qote® VE Basecoat LT is available in rolls, packed in cardboard boxes
Art. Nr.:	Product dimensions (W x L) and contents:
30600-00500	50 mm x 5 m [2" x 16'5"], 24 rolls/box
30600-01000	50 mm x 10 m [2" x 32'10"], 12 rolls/box
30601-01000	100 mm x 10 m [4" x 32'10"], 6 rolls/box
30603-01000	200 mm x 10 m [8" x 32'10"], 2 rolls/box
30604-01000	300 mm x 10 m [12" x 32'10"], 2 rolls/box
Handling	Handle with care. Keep boxes upright.
Storage	Store indoor, clean and dry, away from direct sunlight in a cool place below +35 °C [95 °F]. Unlimited shelf life.

Application instruction - Job preparation	
Tools, equipment and auxiliaries	<ul style="list-style-type: none"> – Scissors, knife, and measuring tape – Personal protective gear
Additional coating materials	Easy-Qote® VE Basecoat LT requires application of dedicated top-coats like: <ul style="list-style-type: none"> – Easy-Qote® Solar Reflective Topcoat – Easy-Qote® WB Topcoat Other types available on request.
Work area and substrate	The substrate should be dry, clean and protected against negative weather influences.
Product conditions	Easy-Qote® VE Basecoat LT must be dry and the temperature should preferably be between 0 °C and +20 °C [32 to 68 °F] for the ease of application.

Application instruction - Surface preparation	
General	The area to be coated must be clean, dry, and free from oil, grease and dust. All contamination must be removed in accordance with SSPC-SP1.
Substrate temperature	Prior to and during application the substrate temperature should preferably be between +0 °C and +30 °C [32 to 86 °F] for fast and easy application. Preheating may be required.
Preventing water condensation	Prior to and during the application, the temperature of the substrate(s) must be free from condensing water which can be reached by keeping the temperature at least 3 °C [5 °F] above dew point.
Steel	Prepare steel surface to a minimum cleanliness grade of St 2 / St 3 in accordance with ISO 8501-1 (SSPC-SP2 / SP3). A smooth surface is recommended for fast and proper adhesion, a coarse surface profile is not recommended. The use of power-tooled non-woven abrasive disks is recommended in order to obtain adequate surface cleanliness. All mill-scale must be removed.
Concrete	Concrete must be cured to at least a maximum residual moisture content of 5%. Leaks and water infiltrations must be eliminated. Remove free-standing water, repair excessive cracks and resurface exposed aggregate and small voids with a suitable high-strength, fast curing, non-shrinking product. Concrete surfaces must be treated with a suitable primer like Easy-Qote® Primer EP prior to application of Easy-Qote® VE Basecoat LT.
Coated substrates and polymeric substrates	Coated substrates and polymeric substrates must be de-glossed using abrasive pads and isopropyl alcohol, or another suitable solvent that does not leave residues behind that would otherwise impair proper adhesion.
Substrate check	Take a piece of approx. 150 x 50 mm [6" x 2"] and remove the release liner over a length of approx. 100 mm [4"]. Apply it onto the prepared surface, press it firmly and leave it for 5 minutes. Pull the material from the substrate with an angle of approx. 135 ° and a speed of 100 mm/min [4"/min]. Cohesive separation mode should occur and coverage of the surface with remaining compound should be ≥ 95%. If this is less, surface cleaning is insufficient. At too low substrate temperatures this test may not be successful. Preheat the substrate to preferred temperature and repeat the test.

Application instruction - Brief version	
Detailed application instructions are available from Seal For Life Industries	
Measuring and cutting	Measure the area to be coated. Pre-cut strips of Easy-Qote® VE Basecoat LT with scissors or knife to appropriate size. Oversized dimensions may be needed in case the product is applied with overlaps.
Application to substrate	Apply the pre-cut material onto the clean substrate. This can be done by rolling-out the material for large open areas and post-roll the applied material with a heavy steel floor roller. Remove the release liner just prior to application to the surface, such to avoid contamination of the adhesive surface and premature adhesion to the substrate. For small areas and details, pre-cut the material and apply it by hand and press the material firmly to the substrate with the help of a roller. When the substrate is perfectly flat, the pre-cut material can be applied seamless against each other. In all other cases a minimum overlap of 10 mm [3/8"] is required. The overlaps will then be visible in the finished system.
Visual inspection and holiday detection	The Easy-Qote® VE Basecoat LT must be visually inspected for any defects. The appearance must be smooth and should be shaped tight around all details. Pinhole/Holiday detection must be conducted in accordance with NACE SP0188 (for steel substrates only) before application of the selected Easy-Qote® Topcoat.
Inspection of thickness	The coating thickness (DFT) must be within the specified DFT range. Use calibrated equipment and measure according to SSPC-PA 2 or other specified standard.
Coating repair	Coating defects must be repaired with Easy-Qote® VE Basecoat LT in accordance with the instructions.
Application of Top-coats	After the application of Easy-Qote® VE Basecoat LT has finished, the recommended Easy-Qote® topcoat can immediately applied in the recommended dry film thickness.

Handling and commissioning	
Exposure to loads	Objects coated with Easy-Qote® VE Basecoat LT should not be exposed to loads e.g. from supports- or lifting equipment.
Foot traffic	Wear clean shoes with smooth soles to avoid contamination and damaging the product.

Information	
Documentation	Extensive information is available on our web-site. 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 by certified personnel.



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DISCLAIMER: Seal For Life Industries warrants that the product conforms to its chemical and physical description and is appropriate for the use stated on the technical data sheet when used in compliance with Seal For Life Industries' written instructions. Because many installation factors are beyond the control of Seal For Life Industries, the user shall determine the suitability of the products for the intended uses and assume all risks and liabilities in connection herewith. Seal For Life's liability is stated in its General Terms and Conditions of Sale. Seal For Life Industries makes no other warranty either express or implied. All information contained in this technical data sheet is to be used as a guide and is subject to change without notice. This technical data sheet supersedes all previous data sheets on this product.