

EASY-QOTE® VE BASECOAT
Product Information

Product description: Easy-Qote® VE Basecoat is an unique low temperature, cold applied, non-crosslinking, non-crystalline, monolithic applied viscous polymer with excellent adhesion to ferro-and non-ferro substrates, coated substrates, difficult 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 can be topcoated with various Easy-Qote® elastomeric coatings.

Features:

- 100% Solids visco-elastic polymer
- No VOC
- Ready to use product
- 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
- Can be used as monolithic carrier for Easy-Qote® elastomers
- Low temperature resistant without getting brittle
- Low surface tension/very good substrate wetting
- Very low gas-and water vapour permeability
- Resilient, sound-damping characteristic
- Easy dry installation, even when having complex shapes
- Service temperature (dry) from -45 up to 70°C (-45 up to 158°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.

Product Performance

	Test Method	Typical Value
Water Absorption	ASTM D570	<0.03%
Peel Test	ASTM D1000	Cohesive failure, no adhesive failure.
Thermal Aging and Hot Water Immersion test	ISO 21809-3	Peel Tests after aging not affected. Cohesive failure, no signs of adhesive failure and residual corrosion preventing film remaining on the steel substrate (100 days at 70°C/158°F).

General Product Information

Colour	Ivory (grey or green on request).
Finish	NA
Primer	NA
Dry Film Thickness	34 mils (850 micron) for new construction. 48 mils (1200 micron) for maintenance.
Coverage Rate (theoretical)	4.0m ² (43 sqft.) per 20cm.x 20m. roll.
Volume Solids	100%
VOC Content	0 g/l.
Flash Point	NA
Mixing Ratio	NA
Potlife	NA

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.
Abrasive Blasting	Minimum St2/St3 (SSPC-SP2/ SP3) . Mill scale must be removed.
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. Remove free-standing water, repair excessive cracks and resurface exposed aggregate and small voids with a suitable high-strength, fast curing, non-shrinking product.
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	Not required.
Abrasive Blasting	Not 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)	95°F (35°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 a small piece of Easy-Qote® VE Basecoat (approx. 15x5cm.). Remove the release foil for approx. 10cm. and apply it on the prepared substrate. Press it firmly and leave it for approx. 5 minutes. Pull the Easy-Qote® VE Basecoat from the substrate with a 135° angle and a 10cm/min. speed. Cohesive fracture should occur and >85% remaining material should be left on the substrate. If less, the substrate preparation is not sufficient.
Step 2	Measure the to cover area. Pre-cut the Easy-Qote® VE Basecoat with a sharp scissors or knife for ease of application.

Step 3	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 before the adhesion moment of the product to the substrate, to avoid contamination of the adhesive surface and to avoid 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 knocked against each other. When not, a minimum overlap of 1cm. is required. This will be visible in the finished system.
Step 4	After the Easy-Qote [®] VE Basecoat application has finished, the recommended Easy-Qote [®] elastomer can be applied directly in the recommended DFT (dry film thickness).

Handling	Handle with care. Do not expose to heavy loads without the recommended elastomeric system on top.
Storage	Store indoor, clean and dry, away from direct sunlight in a cool place between 65-85°F (18-30°C). Keep from freezing. Shelf life is unlimited.

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.

Curing Times at 70°F (21°C) and 50% Relative Humidity	
Gel Time	NA
Foot Traffic and Recoat Time	Wear clean shoes to avoid contamination of the substrate. Ready to topcoat immediately after installation.
Maximum Recoat Time	Unlimited when clean and dry.

Inspection and Repair	
Inspection	The Easy-Qote [®] VE Basecoat 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 generated according to NACE SP0188 (for steel substrates only) before application of one of the selected Easy-Qote [®] products.
Coating 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.
Repair	Pinholes/Holidays must be located and repaired with Easy-Qote [®] VE Basecoat

Cleaning	
Cleanup	NA

Handling	
General	NA

General Order Information	
Product	Easy-Qote[®] VE Basecoat. Product dimensions and contents:
Kit Options	50mm. x 5m. : (2"x16.66ft.): 24 rolls/box. 100mm. x 10m.: (4"x33.33ft.): 6 rolls/box. 200mm. x 10m.: (8"x33.33ft.): 2 rolls/box. 300mm. x 10m.: (12"x33.33ft.) 2 rolls/box.