

EASY-QOTE® VE BASECOAT

Product Information

Product description: Easy-Qote® VE Basecoat is a unique cold applied, non-crosslinking, non-crystalline, monolithic applied viscous polymer coating based on pure homopolymer Polyisobutene. It can be used on uncoated metallic surfaces and as repair of existing coatings in atmospheric services. It is an environmentally safe and worker-friendly alternative to traditionally coating systems where surface preparation, mobilisation and labour costs are far more expensive. Easy-Qote® VE Basecoat is a corrosion preventative coating material that only requires minimum surface preparation in order to achieve excellent adhesion to various substrates like carbon steel, stainless steel, many types of existing protective paint systems, polymeric substrates like PE and PP, and primed concrete. It has a non-woven backing that can be coated with various types of Easy-Qote® top coats.

Features and benefits:

- 100% Solids coating based on pure homopolymer Polyisobutene
- No VOC and no flash point
- Surface tolerant, minimum surface preparation St 2 / St 3 for corroded steel
- No surface profile required
- Primerless application
- Ready to use product, can simply be applied as a patch that is pressed onto the substrate
- Easy to install, even with complex shapes
- Adheres on virtually all dry substrates
- No curing time, no pot-life and no shelf-life
- Excellent corrosion prevention of steel substrates
- Excellent UV and weather resistance
- Non-woven backing can be coated with various types of Easy-Qote® Topcoats
- Tested in accordance with ISO 12944-9 cyclic ageing test
- DNV-approved for surfaces in ISO 12944 category CX conditions

Application examples

Steel structures: As corrosion preventative coating on bare steel structures in atmospheric services like beams, pipes, vessels, etc.

Coating repair: As spot-repair coating on steel structures in atmospheric services like wind mills, storage tanks, pipes, etc.

Product properties Easy-Qote® VE Basecoat

Temperature range	Operational: -45 to +70°C [-49 to 158 °F]
Colour	Ivory
Thickness	1,2 ± 0,1 mm [47 ± 4 mils], as supplied
Mass per unit area	1,63 kg/m ² [0.334 lb/sq.ft] nominal
Adhesion	Peel test at 90 – 135 ° angle and 10 mm/min [3/8"/min] before ageing and after 100 days of thermal ageing at 70 °C [158 °F]: - Cohesive separation, no signs of adhesive separation

General order information

Product	Easy-Qote® VE Basecoat is available in rolls, packed in cardboard boxes
Art. Nr.:	Product dimensions and contents:
10EQBC0202	50 mm x 15 m [2" x 49'], 12 rolls/box, 360 rolls/pallet
10EQBC0204	100 mm x 15 m [4" x 49'], 6 rolls/box, 180 rolls/pallet
10EQBC0208	200 mm x 25 m [8" x 82'], 2 rolls/box, 96 rolls/pallet
10EQBC0212	300 mm x 15 m [8" x 49'], 2 rolls/box, 80 rolls/pallet
	Other sizes on request.
Handling	Handle with care. Keep boxes upright.
Storage	Store indoor, clean and dry, away from direct sunlight in a cool place below +45 °C [113 °F]. Unlimited shelf life.

Application instruction - Job preparation		Application instruction - Brief version	
Tools, equipment and auxiliaries	<ul style="list-style-type: none"> – Temperature probe – Dew point tester – Scissors or knife – Measuring tape – Pressure roller – Wire brushes (power tooled) – SFL™ Cleaning Wipes. Alternatively, isopropyl alcohol (cas. nr. 67-63-0) and abrasive cleaning pads – Personal protective gear (if applicable) 	Detailed application instructions are available from Seal For Life Industries.	
Additional coating materials	Easy-Qote® VE Basecoat requires application of dedicated Easy-Qote® Topcoat (various types) or approved equivalent. When applied on concrete, the application of SFL™ EP Primer is required.	Measuring and cutting	Measure the area to be coated. Cut patches or strips of Easy-Qote® VE Basecoat to appropriate size using scissors or knife. Oversized dimensions are needed in case the product is applied with overlaps.
Work area and substrate	The substrate must be dry, clean and protected against negative weather influences.	Application to substrate	Remove the release liner just before application to the surface, such to avoid contamination of the adhesive surface and premature adhesion to the substrate. Apply the material by hand and press firmly to the substrate with the help of a roller. Avoid air inclusions. If applicable, the overlap of consecutive layers shall be not less than 10 mm [3/8"].
Product conditions	Easy-Qote® VE Basecoat must be dry and the temperature should preferably be between +10 °C and +30 °C [50 to 86 °F] for the ease of application.	Visual inspection and holiday detection	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. If required, Pinhole/Holiday detection can be conducted in accordance with NACE SP0188 (for metallic substrates only) before application of the selected Easy-Qote® Topcoat.
Application instruction - Surface preparation		Inspection of thickness	The coating thickness must be within the specified range. Use calibrated equipment and measure according to SSPC-PA 2 or equivalent standard.
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 (solvent cleaning) prior to further surface preparation.	Coating repair	Coating defects must be repaired with Easy-Qote® VE Basecoat before application of the selected Easy-Qote® Topcoat in accordance with the instructions.
Preventing condensation of water	Prior to and during the application, the temperature of the substrate(s) must be at least 3 °C [6 °F] above the dew point.	Application of Top-coats	After the application of Easy-Qote® VE Basecoat has finished, the selected Easy-Qote® Topcoat can immediately be applied in the recommended dry film thickness.
Substrate temperature	Prior to and during application the substrate temperature should preferably be between +10 °C and +30 °C [50 to 86 °F] for fast and easy application. Preheating may be required.	Handling and commissioning	
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 suitable power tooled wire brushes or abrasive disks is recommended in order to obtain adequate surface cleanliness. All mill-scale must be removed.	Exposure to loads	Objects coated with Easy-Qote® VE Basecoat should not be exposed to loads e.g. from supports or lifting equipment.
Coated and polymeric substrates	Coated and polymeric substrates must be de-glossed with abrasive pads and isopropyl alcohol.	Commissioning	Commissioning is possible immediately after completion of the complementary topcoat, see specific product data sheets for further details.
Concrete	Concrete must be cured to a residual moisture content of not more than 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 SFL™ EP primer or approved equivalent, prior to application of Easy-Qote® VE Basecoat.	Information	
Substrate check	Take a piece of approx. 150 x 50 mm [6" x 2"] of the material 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 at an angle of approx. 135 ° and a speed of approx. 100 mm/min [4"/min]. Cohesive separation 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.	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 technical@iesgsolutions.com
		Certified staff	Application of the described coating system should be carried out by certified personnel.



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