

EASY-QOTE[®] EP-TOPCOAT

Product Information

Product description: Easy-Qote[®] EP-TOPCOAT is a two-component flexible epoxy coating with a good overall chemical, water and abrasion resistance. This product can be used directly on top of Easy-Qote[®] VE-Basecoat for various external applied atmospheric, submerged and immersed services where abrasive blasting is not possible and still a high performance corrosion protective system is required. Easy-Qote[®] EP-Topcoat is easy to apply and able to improve the mechanical properties of the total system. Besides this, this thixotropic product can also be used as a stand-alone high build flexible crack-bridging coating and secondary containment lining system or a trowel/caulk grade putty material directly on abrasive blasted steel and concrete.

Features:

- Solvent-free flexible epoxy
- High impact resistance and abrasive resistant
- UV-stable and thermal-shock resistant
- Good overall chemical resistant to moderate acids and alkalines, solvents, oil-and fuels, inclusive biodiesel
- Can be applied with squeegee, trowel and brush
- Crack-bridging capabilities on concrete
- Can be applied at 2000micron (80mils) without sagging
- Suitable for various industrial services
- Service temperature (dry) from -40 up to 100°C (-40 up to 212°F)
- Standard colour grey

Application examples

Application: flexible Epoxy Topcoat on top of Easy-Qote[®] VE Basecoat for atmospheric, submerged and immersed services where abrasive blasting and spray-application is no option. Particular developed for maintenance of steel equipment on refineries, terminals, power-plants, waste-water treatment plants, mining and various other oil-and gas applications. Application examples are pipes, risers, valves, flanges, launchers-and receivers, elbows, steel and concrete pier/post transitions etc.

General Product Information

Colour	Grey.
Finish	Satin-Gloss
Primer	Self-priming on Easy-Qote [®] VE Basecoat.
Dry Film Thickness	1000-2000micron (40-80 mils) per layer for brush and trowel applications. One layer is recommended.
Coverage Rate (theoretical)	40,76 sq.ft/USG at 40mils (1000micron)DFT. 1,0m ² /l at 40mils (1000micron)DFT. 20,38 sq.ft/USG at 80mils (2000micron)DFT. 0,5m ² /l at 80mils (2000micron)DFT.
Volume Solids	100%
VOC Content	<10 g/l.
Flash Point	>165 (>74°C)
Mixing Ratio	4:1 (A to B in volume)
Potlife	60 minutes at 21°C (70°F)

Application Instruction: Easy-Qote[®] EP Topcoat

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 (consult Easy-Qote [®] for specific information).
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.

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	70-77°F (21-25°C)	70-77°F (21-25°C)	70-77°F (21-25°C)	0-50%
Minimum	50°F (10°C)	50°F (10°C)	50°F (10°C)	0%
Maximum	95°F (35°C)	120°F (49°C)	120°F (49°C)	85%

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: Brush, Trowel and Squeegee

Step 1	Mix the Part A and B together until uniform in colour and consistency. Do not dilute the product.
Step 2	After mixing, apply the product by using a steel trowel or flat squeegee into the specified DFT and finish with a good quality flat paint brush. Film-build-up can also be done with a good quality flat paint brush, wet in wet, until the specified DFT of 1000 or 2000micron (40 or 80 mils) is achieved.

Curing Times at 70°F (21°C and 50% Relative Humidity)

Dry to Touch	1-2 hours
Dry to Handle	5-6 hours
Dry to Recoat	12-24 hours
Full Cure	24 hours

Inspection and Repair

Inspection	The finished coating must be visually inspected for any defects, such as runs and sags, fish-eyes, blistering, pinholes, missed spots and possible contaminants.
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	Defects must be located and repaired with the original used material. Consult Easy-Qote [®] for specific information.

Cleaning

Cleanup	Water (Use MEK or Acetone when cured)
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Handling

General	Transport and stacking is possible after full cure of the coating and generating a Holiday test (NACE SP0188). This time can be reduced by increasing the curing temperature. Consult Easy-Qote [®] for specific information.
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General Order Information	
Product	Easy-Qote[®] EP TOPCOAT. <u>Product dimensions and contents:</u>
Kit Options	0.53 gal/2 l (6.17 lb/2,8 kg) 1.58 gal/6 l (18.51 lb/8,4 kg)
Handling	Handle with care. Keep containers upright.
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 18 months in the original unopened containers.

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.