

## EASY-QOTE<sup>®</sup> SOLAR REFLECTIVE-TOPCOAT

### Product Information

**Product description:** Easy-Qote<sup>®</sup> SOLAR REFLECTIVE-TOPCOAT is an easy to apply, water-based rubberized aluminium acrylic elastomeric Topcoat with very good UV resistance and flexibility. SOLAR REFLECTIVE-Topcoat is developed for use on Easy-Qote<sup>®</sup> visco-elastic (VE) Basecoat for atmospheric services only, particular for reducing temperature on structures such as storage tanks, living quarters etc.

#### Features:

- One component product, ready to use
- Aluminum pigmented for reflective and barrier properties
- Temperature reducing properties
- Suitable for ponding water on floating roofs
- Suitable for light foot traffic
- Easy application with Brush and Roller (B+R)
- >250% elasticity
- Excellent edge protection
- Suitable for industrial and marine exposure
- Very good adhesion on Easy-Qote<sup>®</sup> VE Basecoat
- Excellent UV and weather resistant
- Service temperature (dry) from -40 up to 100°C (-40 up to 212°F)
- Non-flammable product

### Application examples

**Application:** flexible Topcoat on top of Easy-Qote<sup>®</sup> VE Basecoat for atmospheric services when UV resistance, temperature reduction, solar reflection and an easy to maintain system is required. Originally developed as topcoat for floating roofs in combination with Easy-Qote<sup>®</sup> VE Basecoat when blasting and grinding as substrate preparation is no option because of safety issues. Can be used also for structural steel for Onshore-and Offshore applications, such as platforms, above ground pipelines, external storage tanks, steel bridges, and many other atmospheric services in combination with Easy-Qote<sup>®</sup> VE Basecoat.

### General Product Information

<b>Colour</b>	Aluminum.
<b>Finish</b>	Satin-Gloss
<b>Primer</b>	Self-priming on Easy-Qote <sup>®</sup> VE Basecoat.
<b>Dry Film Thickness</b>	125-200micron (5-8 mils) per layer for brush and roller applications. Two layers are required.
<b>Coverage Rate (theoretical)</b>	163 sq.ft/USG at 5mils (125micron)DFT. 4,0m <sup>2</sup> /l at 5mils (125micron)DFT. 102 sq.ft/USG at 8mils (200micron)DFT. 2,5m <sup>2</sup> /l at 8mils (200micron)DFT.
<b>Volume Solids</b>	50%
<b>VOC Content</b>	60 g/l.
<b>Flash Point</b>	No flash-point (non-flammable)
<b>Mixing Ratio</b>	One component product
<b>Potlife</b>	-

### Application Instruction: SOLAR REFLECTIVE Topcoat

<b>General</b>	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 <sup>®</sup> for specific information).
<b>Preventing condensation on the substrate</b>	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

<b>General</b>	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
<b>Optimum</b>	70-77°F (21-25°C)	70-77°F (21-25°C)	70-77°F (21-25°C)	0-50%
<b>Minimum</b>	59°F (15°C)	41°F (5°C)	41°F (5°C)	0%
<b>Maximum</b>	90°F (32°C)	120°F (49°C)	120°F (49°C)	80%

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### Application Instruction: Brush and Roller Application

<b>Step 1</b>	Mix the product until uniform in consistency. Do not dilute the product.
<b>Step 2</b>	After mixing, apply the product by using a good quality paint brush or roller in the specified dry film thickness (DFT). Apply in one uniform layer to thoroughly wet and seal the Easy-Qote <sup>®</sup> VE-Basecoat substrate.
<b>Step 3</b>	After curing, apply a second layer in the specified DFT. Apply in one uniform layer.

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

<b>Dry to Touch</b>	4 hours
<b>Dry to Handle</b>	6-7 hours
<b>Dry to Recoat</b>	12-24 hours
<b>Full Cure</b>	7 days

### Inspection and Repair

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

### Cleaning

<b>Cleanup</b>	Water (Use MEK or Acetone when cured)
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### Handling

<b>General</b>	Handle with care. Coated objects should not be exposed to loads e.g. from supports- or lifting equipment.
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General Order Information	
<b>Product</b>	<b>Easy-Qote® SOLAR REFLECTIVE TOPCOAT</b> <u>Product dimensions and contents:</u>
<b>Kit Options</b>	1.05 gal/4 l (9.25 lb/4,2 kg) 5.28 gal/20 l (45.85 lb/20,8 kg)
<b>Handling</b>	Handle with care. Keep containers upright.
<b>Storage</b>	Store indoor, clean and dry, away from direct sunlight in a cool place between 5-35°C (41-95°F). Keep from freezing. Shelf life 12 months in the original unopened containers.

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