



# Quik-Set Underlayment

Modified Cement Mortar  
USCG-164.106/16/0

## DESCRIPTION

Quik-set is a lightweight underlayment screed used in thin gauge applications for leveling and fairing welds. It is a synthetic resin mastic which, when trowel applied to properly cleaned deck surfaces, will adhere without the use of mechanical fasteners. It has good troweling characteristics and is normally applied in feather edge thicknesses. Quik-Set is approved as an IMO primary deck covering material with low flame spread characteristics and does not produce excessive quantities of smoke and toxic products from combustion. It is moisture resistant, has high indentation resistance and is fast setting.

### Theoretical Coverage Rates (1 Bag + 1 Gal. of Paste)

1/8 inch	3.17 mm	125 mils
27 Square Feet Per Kit		

### USCG Recommended Max Application Thickness

1/4 inch	6.4 mm	250 mils
20 Square Feet Per Kit		

1/2 inch	12.7 mm	500 mils
10 Square Feet Per Kit		

1 inch	25.4 mm	1000 mils
5 Square Feet Per Kit		

### Kit and Packaging sizes (1 kit = Powder + 1 Gal. of Paste)

Item Number	Description	Weight
0905	Quik-Set Powder	50lbs / 22.67 KG
0906	Quik-Set Paste 1 Gal. Qty	9lbs / 4.08 KG
1213	Quik-Set Paste 5 Gal. Pail	45lbs / 20.41 KG

### Installation Guideline for Quik-Set Underlayment-Latex Binder

**Step1:** Use Quik-Set Paste as a slurry bond coat surface wetting agent. Using a masonry brush or a foxtail broom, scrub a tight thin application of Quik-Set paste onto the deck immediately prior to placing the Quik-Set underlayment.

**Step2:** Mix together 1 Bag of Quik-Set Underlayment with 1 Gallon of Quik-Set Paste. Mix until a slurry blend forms.

**Step3:** Pour the slurry blend onto the desired working surface, spread using a standard masonry trowel. Pot life tends to be around 20-25 min with normal working conditions.

**Step4:** After material is fully cured, it is advised to sand smooth and apply an additional epoxy Bond Coat before topcoat is applied.

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## Surface Preparation

Metal deck surfaces should be cleaned free of rust, loose scale, and dirt in accordance with SSPC SP11/NACE No 6. Grease and oil should be removed with approved solvents and clean rags in accordance with SSPC SP-1. The resulting surface should be clean and bright and protected against corrosion before Dex-O-Tex materials are applied. Quik-Set may be applied to a cured Navy Formula 150 Primer, MIL-DTL-24441, MIL-PRF23636 or to Dex-O-Tex TM Bond Coat and Underlayment Systems. Consult your local Dex-O-Tex Marine Rep. when wood or other deck surfaces are involved.

## Job Site Survey

Measure and record ambient temperature and humidity, surface temperature and the temperature of the material being used. Do not proceed with the application if the conditions are outside the recommended parameters. Inspect materials to be used. Verify material is the proper material and all components and sizes are correct. Inspect all containers and verify a proper factory seal with no signs of damage or leakage. Premix Liquid materials into a smooth homogenous blend before uses.

## Environmental Conditions for Application

All materials are mixed, applied and cured at the job site. Minimum environmental conditions are required to facilitate proper curing and performance of the products. Ensure conditions are in accordance with the following requirements.

<b>Substrate Temp</b>	Min. 45°F	Max. 95°F
<b>Max Relative humidity</b>	Min. <90%	Max. 90%
<b>Ambient Air Temp</b>	Min. 45°F	Max.100°F

<b>Dry to Re-Coat or Use</b>	14Hrs at 65°F	10Hrs at 75°F	08Hrs at 85°F
<b>Max Re-Coat</b>	48Hrs at 65°F	44Hrs at 75°F	40Hrs at 85°F
<b>Cure to Full Service</b>	52Hrs at 65°F	48Hrs at 75°F	44Hrs at 85°F

## Material Disclosure

Materials should be delivered in original packages and containers with seals unbroken and bearing manufacturer's labels containing brand name and directions for storage and mixing with other components. Check materials immediately upon receipt, verify all the correct materials in the correct packaging are accounted for in good condition. Sort the materials and store them in a tempered storage area.

## Applicator Notes

For proper workability it is important the Dex-O-Tex materials be stored and mixed at a temperature of 65°F-80°F. A warm substrate will decrease the pot life and make the materials sticky. A cooler substrate will lengthen the cure time and may cause a blush of the polymeric resins. Decking surfaces and room temperature of 65°F or slightly higher must be maintained for the duration of the Cure to Full-Service time. When mixing the polymeric resin components, be sure to use all the provided resins. The resins are premeasured to the correct ratios. Scrape all the hardener from the container into the resin. Do not turn mixing vessels upside down to drain on the flooring surface. Unmixed resin from the side may produce soft or uncured spots on the flooring surface. Keep the unfinished flooring surface clean. Do not track dirt, grease, or any other contaminates onto the unfinished decking surface. Any contaminate could negatively affect the aesthetics of the finished flooring. Good ventilation must be provided during application, particularly in confined spaces. Always obtain, read and observe Manufacturers Safety Data Sheets (**MSDS**) before handling polymeric materials.

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