



# Application Specification

# QUIK-SET UNDERLAYMENT

## Purpose and Scope

Instructions for the application of Dex-O-Tex Quik-Set Underlayment, a fast-drying cementitious composition filler for leveling or fairing welds in metal decking. Dex-O-Tex Quik-Set Underlayment is manufactured to conform to the requirements of MIL-PRF-3135, Type II, Class 1.

**Thickness**..... Feather edge to 1/4" (6.35mm)

## Approximate Quantity of Materials Required

To Cover ONE HUNDRED SQ. FT (9.3 sq. Meters)

	<u>Thickness</u>
	<u>1/8 Inch (3.18 mm)</u>
Quik-Set Paste (5-gal. can).....	.42 cans
Quik-Set Powder (50-lb. Bag).....	2.10 bags

## Surface Preparation

Metal deck surfaces should be cleaned free of rust, loose scale, and dirt in accordance with SSPC SP 11 or SSPC SP 5 for critical spaces. Grease and oil must be removed with approved solvents and clean rags in accordance with SSPC SP 1. The resulting surface should be clean and protected against corrosion with a corrosion resistant epoxy primer before Dex-O-Tex materials are applied (consult Crossfield Products Corp. when using other types of primers or applying to other surfaces). Dex-O-Tex Quik-Set Underlayment may be applied to a cured Navy Formula 150 Primer, MIL-DTL-24441, or 100% solids epoxy primer MIL-PRF-23236. Aluminum surface should be prepared to SSPC SP 5 and immediately solvent wiped in accordance with SSPC SP 1, then prime with Dex-O-Tex AF Bondcoat (see separate CPC App Spec S-919). Consult Crossfield Products Corp. for any further technical assistance.

## Environmental Conditions

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.

Ambient	<i>Min</i>	<i>Max</i>
Temperature	45°F	100°F
Relative Humidity	NA	95% rh
Wind	NA	30 mph
Substrate		
Temperature	45°F	90°F
Materials		
Temperature	60°F	85°F

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.

## APPLICATION OF QUIK-SET UNDERLAYMENT

Mix Ratio: 50lbs.:1gal	Pot Life: 45 min
Cure Time: 6 hrs.	Recoat Time: 6 - NA
Coverage: 50 sq. ft. per bag mix	DFT: 125 mils
4.65 mm	

A. Mix together the following materials:

Quik-Set Paste.....	1 gal.
Quik-Set Powder .....	1 bag, (50 lbs.)

Blend these materials together thoroughly by Dex-O-Tex Drill Mixing, or mix with hoe in a clean mortar box. Workability time is about 45 minutes. The above quantity should cover approximately 50 sq. ft. (4.65 m<sup>2</sup>) in 1/8" (3.18 mm) thick smoothing coat over irregular surfaces.



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- B. Use Quick-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.
- C. Dex-O-Tex Quik-Set Underlayment should be troweled into the wet paste slurry. Screed the underlayment into place in a normal sweeping motion, taking care that the leveling is done without too much re-troweling of the material. Care should also be taken that the Quik-Set Underlayment is compacted into a smooth even finish.

### Cautions

1. Before opening packages or applying materials, obtain, read and observe MSDS for the products.
2. Make sure that Quik-Set Underlayment is completely dry before applying a solvent-type adhesive for resilient or ceramic floor finishes.
3. Do not allow the Paste to freeze. In the event the Paste has been frozen, allow it to thaw out slowly at room temperature and do not heat to speed up rate of thaw.
4. Do not store Paste near a heater or in areas where it might become heated over 90°F.
5. Do not allow Dex-O-Tex materials to harden on tools and equipment. Fresh water will clean tools immediately after using.
6. Do not apply Dex-O-Tex Quik-Set Underlayment on a hot surface.
7. Keep materials in cool, dry storage. Rotate stock. Use within six (6) months of manufacture.



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