



Application Specification

P-61 NEOTEX

Purpose and Scope

Instructions for the application of P-61 Neotex with DC Dressing finish over a prepared surface. Dex-O-Tex P-61 Neotex is manufactured to meet the requirements of MIL-D-3134, Type II, Class 1.

Thickness..... 1/4” (6.35 mm) Minimum
to 1/2” Maximum

Approximate Quantity of Materials Required

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

Bonding Coat

Magnabond Paste (5 gal can)..... 0.5 cans
Magnabond Powder (40-lb. Bag) 1.0 bags

<u>P-61 Mastic Deck Covering</u>	<u>Thickness</u>
	1/4”3/8” 1/2” (6.35mm) (9.53mm).....(12.7mm)

P-61 Neotex Mix (40-lb. Bag) 8.0 bags12.0 bags 16.0 bags
P-61 Paste (5-gal. can) 1.12 cans1.52 cans 1.92 cans
P-61 Grout Powder (40-lb. Bag)..... .8 bags..... .8 bags..... .8 bags
DC Finish (1-gal. Can)56 units56 units..... .56 units
DC Dressing Aggregate (1/2-gal. Can)56 cans..... .56 cans56 cans

Required Equipment

- Visqueen Sheeting
- Rectangular Steel Trowels (4” x 14”) (10cm x 35cm)
- Dex-O-Tex Drill Mixing Equipment
- 16” (40 cm) Disc Sanding Machine
- Spinner
- Calcimine Brushes
- Industrial Vacuum with wet and dry pick-up
- One-gallon measure (U. S. Liquid Standard)

Surface Preparation

Metal deck surfaces should be cleaned free of rust, loose scale, and dirt. 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 prepared in accordance with SSPC SP11, and protected against corrosion before Dex-O-Tex materials are applied. Dex-O-Tex P-61 Neotex may be applied to most cured epoxy primers including Navy Formula 150 Primer, MIL-DTL-24441 and MIL-PRF 23236 Primers. Consult Crossfield Products Corp. when wood or other deck surfaces are involved.

STEP ONE - Bondcoat

Mix together the following materials to form the Bonding Coat:

Magnabond Paste1 gallon
Magnabond Powder1 bag, (40 lbs.)

Thoroughly blend the above materials by Dex-O-Tex Drill Mixing. Apply by masonry brush, notch trowel, or scrape trowel into place at approximately 1/16” (1.51 mm) thickness to all surfaces. The above materials should cover approximately 100 sq. ft. (9.3m²) of surface. Allow to dry overnight.

STEP TWO – P-61 Neotex Application

A. Mix together the following materials:

P-61 Paste.....1 gallon
P-61 Neotex Powder2 bag, (40 lbs.)

Mix above materials together thoroughly into a smooth homogenous blend using an electric drill motor and mortar mixing blade. Workability time is approximately 30 minutes. A two-bag batch should cover approximately 25 sq. ft. (2.32m²) at 1/4” (6.35 mm) thickness.



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- B. Apply a surface wetting coat of P-61 Paste to prime the surface. Only apply a small area of prime at a time. The P-61 matrix must be placed into wet primer. If the primer is not tacky apply more primer before applying the P-61 matrix. The primer will flash off during fast hot weather, or when being applied to hot surfaces. While the surface is still wet, apply the Neotex matrix mix by screeding into place and then flat troweling to compact the material into a dense smooth finish. Drying time for P-61 Neotex is approximately 12 hours.
- C. After the material has cured sufficiently, lightly sand with a disc-type floor sander using a 60 -80 grit, closed-coat sandpaper. Remove all trowel marks, ridges or uneven surfaces. Sanding should be done within 24 hours before the material become hard and difficult to sand. Remove all dust from the sanding process with the industrial vacuum.

STEP THREE – Grouting

- A. Mix the following materials:

P-61 Paste.....2 gallons
 Grout Powder 1 bag, (40 lbs.)

Mix above materials together thoroughly into a smooth homogenous blend using an electric drill motor and mortar mixing blade. Make sure the mixture is free from any lumps or clumps. Workability time is approximately 30 minutes. A one-bag batch should cover approximately 125 sq. ft. (11.62m²) when applied at the minimum nominal thickness.

- B. Immediately after mixing pour the grout mix onto the surface, Force the grout into the matrix of the floor by edge troweling to grout onto the surface. Scrape all excess material off the surface in the same motion. Leave only a minimal amount of material on the surface. Take care to

avoid leaving excess material on the surface and avoid trowel marks or voids.

- C. After the material has cured sufficiently, lightly sand with a disc-type floor sander using a 100 - 150 grit, closed-coat sandpaper. Remove all trowel marks, ridges or uneven surfaces. Sanding should be done within 24 hours before the material become hard and difficult to sand. Remove all dust from the sanding process with the industrial vacuum.

STEP FOUR – SEALING

- A. DC Finish is applied in two coats. Mix together the A and B Components of the DC Finish and then add the DC Dressing Aggregate together using a “Jiffy” mixing blade. Mix materials for two (2) minutes until thoroughly blended. Mix into and homogeneous. Clean tools and equipment in solvent.
- B. Apply DC Finish at spread rate of 225 square feet per gallon(7 mils WFT). The material should be evenly spread out using squeegee, then back-rolled using a 3/16” – 1/4” mohair roller with solvent resistant core and shed-resistant cover. Use “cross-roller” technique. Maintain a wet edge and work to a wet edge. It is recommended that coating thickness be checked during application using a wet film thickness gauge. Allow to cure a minimum of 4 hours and no more than 24 hours before application of the second coat.
- C. Check to surface for proper cure and for any imperfections, sand or fill as required. Solvent wipe the surface with approved solvent. Apply second coat in the same manner as the first coat was applied. Allow to cure a minimum of 24 hours before returning the space back into service.



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Cautions

1. Before opening packages or applying materials, obtain, read and observe MSDS for the products.
2. Do **NOT** use any DC material if the contents of the "A" can; have turned deep brown (indicating moisture attack).
3. Do **NOT** mix "part" units and never attempt to close up an already mixed unit for re-use at a later time.
4. Do **NOT** install DC Dressing thicker than 1/16" (1.59 mm) or blistering of finish may occur.
5. Keep areas well ventilated during application to avoid irritating vapors.
6. Do **NOT** allow the paste to freeze. In the event that Paste has been frozen allow to thaw out slowly at room temperature and do not heat to speed up rate of thaw.
7. Do **NOT** store Paste near a heater or in any area where it might become heated above 90°F.
8. Do **NOT** allow Neotex latex mastic to harden on tools and equipment. Fresh water will clean tools immediately after using.



DOT MARINE PRODUCT LINE
Crossfield Products Corp.

West Coast Office
3000 E. Harcourt Street
Rancho Dominguez, CA
90221
310-886-9100
310-886-9119 fax

East Coast Office
140 Valley Road
Roselle Park, NJ
07204
908-245-2800
908-245-0659 fax

www.dexotexmarine.com