

ADMIRALTY COATINGS, INC.
PO BOX 8488 CHULA VISTA, CA 91912
619 240 8535
graham@admiraltymarinecoatings.com

VARNISH APPLICATIONS: 10/12/2008

SAFETY: ALWAYS WEAR UV BLOCKING SAFETY GLASSES WHEN IN THE VICINITY OF AN OPERATING UV LIGHT SOURCE! Resource... Home Depot, Grainger etc., be sure the lenses wrap around the sides, are polycarbonate (99.99% UV Block) and tinted.

WOOD PREPARATION:

- a) Prepare wood surface by removing all previous coatings and sanding until a smooth surface is achieved... final sanding with 400 or 600 grit sand paper.
- b) Remove surface dust with "Microcloth" (available at most auto stores) DO NOT use "Tacky Cloth" as it leaves a residue which will negatively impact the adhesion of the varnish to the wood.
- c) Wipe surface with Acetone or IPA to remove any residual oils.

GENERAL COATING PREPARATION:

- a) DO NOT EXPOSE THE COATING TO DIRECT OR REFLECTED SUN'S RAYS.
- b) With a clean spatula, stir the coating to ensure components are properly dispersed.
- c) Pour coating into a smaller container with a removable top, the container should be opaque and dark in color. A polycarbonate or stainless steel container around 1 quart size will work well.

EXTERIOR/INTERIOR UV PROTECTION, NO SANDING METHOD...

ADMIRALTY MARINE UV SHIELD (UV Blocking and Top Coat Inter layer Adhesion)

1. Using a clean lint free soft cotton cloth pour some coating onto the cloth or the wood surface and wipe on thoroughly in all directions.
2. WIPE off ALL EXCESS COATING no visible coating depth should be observed... an additional clean cloth may be required for this step.
3. Using the Admiralty Coatings Hand Held UV Light 1" to 2" above the surface pass the "light beam" over the entire area to be cured at a speed of about 2" per second... do this twice.
4. Repeat steps 1. - 3. as many times as needed... for interior use one or two coats, for tropical outdoor use seven to ten coats. This process is very quick so the number of coatings is not a practical concern. "DO NOT TRY TO CURE A THICK COATING". This coating has to stop the sun's UV rays... but you are curing it with UV light, therefore there has to be no apparent thickness to any ONE coating to allow a full cure.

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EXTERIOR/INTERIOR UV PROTECTION, NO SANDING METHOD, continued...

TOP COAT APPLICATION:

ADMIRALTY MARINE "GLOSS" VARNISH (Gloss, Satin or Matte Finish)

1. Pour a small amount of coating on top of the previous UV SHIELD coatings and use a clean applicator to cover the entire surface.
2. Allow the coating to flow out (10 - 30 sec.) if you see too many dust or lint particles in the surface wipe the coating off with a clean cloth and apply coating again.
3. When the coating looks perfect... using the Hand Held UV Light 1" to 2" above the surface pass the "light beam" over the entire area to be cured at a speed of about 2" per second... do this two or three times.

JOB COMPLETE!

Notes:

1. ALWAYS WEAR UV BLOCKING SAFETY GLASSES WHEN IN THE VICINITY OF AN OPERATING UV LIGHT SOURCE! Resources... Home Depot, Grainger etc., be sure the lenses wrap around the sides, are polycarbonate (99.99% UV Block) and dark.
2. Do not hold the UV Light "stationary" over any surface area as heat damage to the coating will occur.
3. If additional "VISUAL DEPTH" is desired... apply one coat of the UV SHIELD (wipe of all excess) and cure with UV Light... then apply and cure ADMIRALTY MARINE "GLOSS" VARNISH.
4. This process can be repeated as many times as you wish... the UV SHIELD COATING provides inter layer adhesion to the TOP COATS so NO SANDING is necessary.
5. Providing the decanted unused coatings were not contaminated or partially cured (gummy) they can be returned to their original large containers for storage.
