

WP-3 ACRYLIC SEALER

Technical Data Sheet

DESCRIPTION:

A water based Acrylic Sealer.
A clear single package water based coating formulated for application to bare wood to seal the surface for the finish.

ADVANTAGES:

- Water based speed
- Excellent film build
- Easy application
- Water White dry film
- Low odor
- VOC compliant

PACKAGING:

Product is available in 1, and 5-gallon containers.

COVERAGE:

Bare wood seal
300 - 400 sq. ft/ gal. Recoat window 3 - 24 hrs.
Build coats
400 – 500 sq. ft./ gal. Recoat window 3 - 24 hrs.

ASSOCIATED PRODUCTS:

- **WP-10** Urethane-Acrylic Finish
- **VALSPAR** Paints
- **AQUA GUARD I**
- **AQUA GUARD II**

RELATED EQUIPMENT:

- Single disc floor machine, low speed (150 - 200 rpm). 17 - 20-inch diameter #100 and #120 grit Abrasive disc screens.
- 24 inch push broom for sweeping and tacking
- Terry cloth towels for use as tack rags
- Putty knife or scraper
- K-100 E-Z way applicator and KV-4400 replacement pads.

SURFACE PREPARATION:

Note: Follow MFMA and NOFMA guidelines for acclimation time of wood prior to installation, sanding, and finishing.

DIRECTIONS:

NOTE: THIS PRODUCT IS DESIGNED TO BE USED AS IS THEREFORE THINNING OR REDUCING WITH SOLVENTS IS NOT RECOMMENDED.

GENERAL PROPERTIES:

GENERAL PROPERTIES:	ASTM
Color	White/Opaque -----
Viscosity	20 - 30 cps D1545
Weight/Gallon	8.5 – 8.6 Lbs. D1475
Solids	30+/- 1% D1644
Freeze Thaw	5 cycles pass D2243
VOC	<250 g/L

Newly installed floors or sanded to bare wood

- 1) Screen the floor using #100 grit screens (250 sq. ft per side).
- 2) Vacuum, then tack rag the floor with **Water**.
- 3) Allow the floor to dry to a dull, glossless surface.

Seal coat application

- 1) With an EZ-way applicator, lambs wool applicator, or a foam pad seal the bare wood with **WP-3 Acrylic Sealer**.
- 2) Allow 3 - 4 hours dry with good ventilation for each coat.
- 3) Minimum of two coats of **WP-3 Acrylic Sealer** is recommended.
- 4) Remove raised grain with a #120 grit screen, then tack rag with **Water**.
- 5) Line marking paint can then be applied.

LINE MARKING:

Recommended paints

VALSPAR Gloss Enamel latex paints

- 1) Before using paint every color should be tested for compatibility, not just brands.
- 2) Apply line markings between the second and third coats. Follow the directions on the paint label for application.
- 3) Lay out the court with masking tape as required and apply the paint.
- 4) To ensure crisp lines allow paint to dry 1-2 hours before pulling up the tape.
- 5) Allow the lines to dry for a minimum of 6 – 8 hours.
- 6) Abrade the lines lightly with #120 grit screens.

FINISH COATS:

Finish with a urethane top coat like:

WP-10 Urethane-Acrylic Finish

AQUA GUARD I

AQUA GUARD II.

Adequate ventilation is imperative during the curing process. Dry times will vary based upon the drying conditions. Do not apply when temperature is above 95 F or below 65 F, or when humidity is above 80%.

MAINTENANCE:

- 1) Use **Water** for daily dust mopping of the floor.
- 2) Use **WP-17 neutral cleaner** for more stubborn dirt removal. See label for instructions.
- 3) Try to limit street shoe traffic as much as possible. Place walk off mats at all entrances to collect dirt and grit that otherwise would be tracked onto the floor. Clean mats often. Avoid dragging tables and chairs across the floor, which can cause excess damage to the floor.

TROUBLE SHOOTING:

Slow dry:	Low curing temperatures, High humidity, Lack of ventilation, and air movement after application.
Streaks:	Product applied too thin.
Fisheyes:	A foreign material on the surface, like oil, grease, or silicone.
Bubbling:	Overworking the product with applicator, shaking the finish before applying, High temperatures during application.
Peeling:	Improper floor preparation.
Dirt particles:	Applicator Not "De-Fuzzed" loose fibers in the film, Room vents not sealed during the application.
Screen marks:	Using a too aggressive screen between coats.
Hazy Film Steel Wool pads	High humidity during drying. DO NOT USE, steel fibers will remain in the floor and will rust when coated.
String Mops	DO NOT USE, mops apply unevenly and leave behind swirl marks.
Air Movement	Close all doors, windows, and turn off vent fans and AC fans. Premature curing can occur disrupting flow and leveling.

CAUTION:

- 1) Avoid prolonged breathing of vapors or mist.
- 2) Open doors and windows to ensure fresh air entry during application and drying. If necessary wear respiratory equipment (NIOSH/ MSHA TC-23C or equivalent).
- 3) Avoid skin contact, eye contact, or clothes contamination.

FIRST AID:

- 1) Skin contact wash with soap and water.
- 2) Eye contact flush with water for 15 minutes and get medical attention.
- 3) If swallowed do not induce vomiting, get medical attention immediately.
- 4) If experience watering eyes, headaches, dizziness, nose or throat irritation; increase the flow of fresh air, or leave the area.

NOTICE:

- 1) Long term overexposure to solvents have been associated with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.
- 2) Contains a substance known to the state of California to cause cancer.
- 3) In case of spill dilute with water and mop up with a damp towels or rags.

DISPOSAL:

All label warnings must be observed until the container has been commercially cleaned, reconditioned, or disposed of in accordance with local government regulations.

Refer to Material Safety Data Sheet for further safety and handling information.

**For Emergency Medical Information call
1-888-345-5732**

KEEP OUT OF REACH OF CHILDREN

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