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AL-70

Solvent Based Sealer

DESCRIPTION:

Triple-S' AL-70 Quick Dry Lacquer is a solvent based, VOC compliant sealer and glaze designed to seal and create a 'wet-look' on concrete and other masonry surfaces. It is a very hard acrylic polymer that offers better gloss, UV resistance and stain resistance than other sealers. The solvent base allows **AL-70** to penetrate and adhere to concrete, porous brick and/or tile. **AL-70** is available in a glossy or satin finish.

USES:

AL-70 is a simple, one part sealer for low-medium traffic areas. It is ideal for floors in a home, playroom, patio, etc. Apply up to 3 coats (2 coats is recommended) that will last 3-4 years indoors or 1 year outdoors (in a low/medium traffic area.)

ADVANTAGES:

- VOC Compliant
- UV resistant
- Fast drying
- Easy to use
- Excellent adhesion

COVERAGE:

The coverage will depend on the porosity of the surface: up to 400 square feet per gallon on a smooth surface and between 200-300 square feet on a rough/porous surface. 2nd /3rd layers will yield more coverage than the 1st because they are not going to penetrate the concrete as much.

SURFACE PREPARATION:

New concrete must cure for at least 30 days. Concrete must be free of oil, grease, curing agents, dirt, dust and any foreign material that may prevent proper adhesion. Prepare surface by sanding, grinding, waterblasting, sandblasting or shot blasting to achieve a clean, porous and uniform surface that will allow the product to soak in and bond permanently. If applying multiple coats, apply 2nd and 3rd coats within 24 hours of each other for proper adhesion. Also, make certain that the floor is **COMPLETELY DRY** before applying **AL-70**. **If applying to an acid stained concrete floor, make sure to properly neutralize the floor before applying AL-70.**

APPLICATION:

The best and recommended mode of application is with a sprayer (generally a red tip fan). For sprayer application, use a heavy duty pesticide sprayer (i.e. Ortho) with a high volume fan. Spray as light as possible to avoid puddling. An immediate back roll with light pressure can help spread the **AL-70** evenly. Sprayer can be cleaned with Acetone. Multiple coats can be applied within 24 hours of each other for added protection.

Applying with a roller is also acceptable but not recommended. Apply as thin as possible. Apply with a 3/16 NAP Mohair roller, which has a solvent resistant core. Apply several vertical rolls next to one another and then come across the same area and roll horizontally (without using new sealer). Then move onto the next section. Apply as thin as possible. **Do not over roll.**

The information stated herein is based on information and test we believe to be reliable. The accuracy or completeness thereof is not guaranteed. Since conditions of use are outside our control, user shall, before using, determine the suitability of the product for his intended use and user assumes all risk and liability in connection therewith.

Rolling over the same area repeatedly can introduce unwanted air to the sealer and thus, result in trapped, unwanted air bubbles near the surface of the cured **AL-70**. This is over rolling. **Do not over roll.**

Depending on the look, thickness, chemical and abrasion resistance desired, a 2nd and/or 3rd coat can be applied once the 1st coat is dry. If applying multiple coats, apply 2nd and 3rd coats within 24 hours of each other for proper adhesion. Always apply thin coats; thick coats **are not** recommended. The 1st layer penetrates the concrete and the 2nd and 3rd layers will provide more of a coating.

Please note: if you want a thick coating, use **THIN** layers on top of one another rather than one thick layer. Thick applications of **AL-70** can result in whitening or opacity to sealer requiring sanding and/or grinding for removal. Always apply thin coats; **thick coats are NOT RECOMMENDED.**

DRYING TIME:

AL-70 is very fast drying and can be recoated within a few hours if needed. Again, 2nd/3rd coats must go on within 24 hours of the previous application to insure proper adhesion. Allow 6 hours before light foot traffic. Normal traffic may be permitted after 24 hours. Allow 72 hours before placing heavy objects on surface. Allow 7 days for vehicle traffic.

HANDLING PRECAUTIONS:

AL-70 is flammable. Extinguish all flames, pilot lights and electric motors until all vapors are gone and the coating has hardened. The vapor is harmful. Use only with adequate ventilation and/or appropriate cartridge type respirator. Avoid contact with skin; wear protective gloves. Read **M.S.D.S.** before use.

LIMITATIONS:

- Do not apply in temperatures below 55°F or above 90°F.
- Do not apply more than 3 **thin** coats (2 is recommended).
- Rain and/or high humidity may cause uncured **AL-70** to whiten. If inclement weather threatens, refrain from use.
- Do not apply unless temperature is 5° above the dew point.
- Do a test area before you begin to test adhesion.
- Surface will become more slippery.

CLEAN UP:

Uncured material can be removed with Acetone or similar solvent.

TECHNICAL INFORMATION:

Type	Acrylic
Solids Content	25% by weight
60% Gloss (4 mil dry film)	85
Viscosity	150 cps
Flash Points	> 20° F (TCC)
Maximum V.O.C.	100 grams per liter