

HYDROTHANE II

Catalyzed, Water Based Gymnasium Finish

Hydrothane II is a two-part, cross-linked, acrylic modified urethane, which produces a smooth, hard, glossy surface, comparable in durability and chemical resistance to many solvent-based coatings. Hydrothane II is supplied as a primary water-based urethane emulsion and a catalyst which is added immediately prior to application. Hydrothane II applies easily, levels well, produces virtually no fumes or odor, and can be cleaned up following application with soap and water. Hydrothane II also has the advantage of being in compliance with increasingly stringent VOC emission standards, including Massachusetts and California. VOC Content: 210 grams/liter.



APPLICATION & MAINTENANCE

This finish is supplied with a catalyst in premeasured containers. Simply add the catalyst to the urethane-base. Stir gently for approximately 30 seconds. Allow catalyzed Hydrothane II to stand for 10 minutes.

NOTE: Catalyzed material should be used within 2-3 hours. Do not apply Hydrothane II if the floor temperature is lower than 60° F. *Not all water-based finishes are compatible.* If Hydrothane II is being applied over another product, it is strongly recommended that a test patch be applied to determine compatibility.

FLOOR PREPARATION: Sanding is advisable for new and old, badly worn floors. After sanding, sweep or vacuum the floor and then tack or damp mop the floor using #255 Wood Glow Cleaner. Do not wet mop or flood unsealed floors as darkening or raising of the grain may occur.

SEALED FLOORS IN GOOD CONDITION: Clean floor thoroughly with #255 Wood Glow, to remove dirt and oily soils. Remove the soiled solution with a wet vacuum, squeegee or mop. Allow the floor to dry, then buff with an 120 grit screen disk or 3M Maroon Surface Prep Pad to provide better adhesion. Vacuum and then damp mop the floor with #255 Wood Glow or #127 Tops Neutral Cleaner.

APPLYING HYDROTHANE II: Apply finish only after floor is thoroughly clean and dry. Apply Hydrothane II with a foam flock, or drap bar type applicator, drawing the material out uniformly. Allow 2-4 hours between coats, depending on drying conditions. Apply additional coats per above instructions to achieve desired results. Do not apply more than 2 coats per day. Finish may be buffed lightly between coats with 120-140 grit disc, or 3M Surface Prep Pad. Sweep or vacuum, then damp mop with Wood Glow Cleaner. If markings are to be applied do so at this time. When dry, markings should be screen disked or buffed to roughen the surface. A minimum of 2-3 coats of Hydrothane II are recommended.

MAINTENANCE: Floors should be dry mopped or damp mopped daily.

SPECIFICATIONS

Color	1 - 2 Gardner
Solids	32 ± 1%
Weight Per Gallon	8.25 - 8.4
Gloss@60	90
Hardness	25 - 28 (Sward)
Viscosity	B-C (Gardner)
Solvents	Water-glycol
Flash Point	No flash below 210° F.
Dry Time	Dry to touch 2 hours
Water Resistance	8 hours-No effect
Alcohol	1 hour-No effect
Gasoline	8 hours-No effect
Caustic 5%	2 hours-No effect
Soap Resistance	8 hours-No effect
Slip Resistance	(ASTMF-609) 0.6 Minimum
Coverage	500 - 700 ft ² per gallon
Odor	Minimal
VOC	210 grams/liter

SAFETY INFORMATION

Health	1
Flammability	0
Reactivity	0
Personal Protection	B

DANGER: Harmful if Swallowed. Contains Ethylene Glycol CAS #107-21-1, Dibutyl Pthalate CAS #84-74-2, N-Methyl 2-Pyrrolidone CAS #872-50-4. If ingested induce vomiting with oil of ipecac. Avoid prolonged contact. For contact with skin or eyes, flush with plenty of water. **Contact Physician Immediately.** For complete information consult MSDS sheet.



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