



M-40 Gym Floor Finish

Oil Modified urethane Varnish

DESCRIPTION

M-40 is an oil modified urethane wood finish that cures to a high gloss, durable and tough finish. Synthetic detergents and emulsifiers have little effect on this product's gloss and durability.

FEATURES

- Super gloss
- Abrasion resistance
- Excellent rubber burn resistance
- Excellent film hardness
- No harsh odors

SURFACE PREPARATION:

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

DIRECTIONS:

Previously coated floors

A test patch is strongly recommended to determine adhesion compatibility over a previous water base, or unknown finish.

- 1) Remove any masking tape or gum with a putty knife. Clean the floor of dirt, dust mop treatments, etc. with neutral cleaner.
- 2) Allow the floor to dry thoroughly.
- 3) Screen the floors with #100 grit screens (250 sq. ft. per side) until the gloss is removed.
- 4) Tack rag the floor using waterless cleaner.
- 5) Proceed to Finish coats.

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 waterless cleaner.
- 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 **Fast dry sealer**.
- 2) Allow 2 – 4 hours dry with good ventilation for each coat.
- 3) Minimum of two coats of **Fast dry sealer** is recommended.
- 4) Remove raised grain with a #120 grit screen, then tack rag with waterless cleaner.
- 5) Line marking paint can then be applied.

FINISH COATS:

- 1) With a lambs wool applicator, or foam pad apply **M-40 Gym Finish** going with the grain, do not puddle finish.



- 2) Allow over night dry (8 Hrs. min 20 hrs. max.) before recoating. Finish with a second coat of **M40 Floor Finish**.
- 3) If cured over 24 hours abrade floor with a #120 grit screen, do not use #100 grit here.
- 4) Allow 48 hours cure before light traffic and 5-7 days before athletic activities.

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%. Clean up with mineral spirits.

MAINTENANCE:

- 1) Use dust mop treatment for daily dust mopping of the floor. See label for instructions.
- 2) Use 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.
- Wrinkling: Recoating too soon, too heavy an application, puddling the finish.
- 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.

SPECIFICATIONS

Color	6-8
Viscosity	A1-B
Weight/gallon	7.2-7.4 lbs
Flash point	105 F

Coverage: Up to 400-500 sq. ft. per gallon, 8-20 hours recoat time.