

## TECHNICAL DATA SHEET

# DURATHLETE

## GYM FLOOR FINISHES



DURATHLETE™ gloss gym floor polyurethane finish is a superior quality, durable system designed for professionals for application to sports floors. Under normal conditions, it will not require thinning and will form an extremely tough, high build gloss finish.

DURATHLETE provides excellent chemical resistance and helps to protect against routine cleaning and perspiration. It can be used to refinish existing floors or may be used over newly sanded sports floors.

Recommended for gymnasiums, racquetball courts, and other interior court surfaces.

- Exceptional flow and leveling
- High solids, oil-modified polyurethane
- Resists marring and scuffing
- MFMA approved

### CHARACTERISTICS

Weight Solids	49%
Volume Solids	42%
Viscosity	32 sec on average (#2 Zahn)
Flash Point	105° F
Weight per Gal	7.3 lbs
VOC	445 g/l 3.72 lbs/gal
Coverage	450-500 Sq. Ft./gal
Dry Time	12-24 hrs @ 75° F (23.8° C) @ 50% RH
To Abrade	Overnight
To Recoat	12-14 hours
Full Cure	7 days
Color	Light Amber
Sheen	Gloss
Pkg Size	5-Gallon Pail
Item #	M190896-5

### DIRECTIONS FOR USE

#### SURFACE PREPARATION:

**Screen and Recoat Existing Floors:** Be sure the floor is free from wax or any residues, then screen with a 100-120 grit screen. Remove all dust with a professional dust mop or vacuum and tack surface with a tack mop or clean cloth dampened with mineral spirits. Apply topcoat according to directions.

**Sanding and Finishing:** Sand and prepare the floor using approved NWFA/MFMA methods. Screen to 100-120 grit. Remove all dust with a professional dust mop or vacuum, and tack surface with a tack mop or clean, dry cloth. Apply finish system according to directions.

**Intercoat abrasion for floors with line striping coats:** Apply the first coat of DURATHLETE finish and allow to dry thoroughly. Screen floor with 180-220 screen, vacuum, and tack the floor.

Line coatings can now be applied. Always prepare a sample or test area to determine compatibility and adhesion with Line Striping Coats. (Acceptable results will only occur with oil-based enamels or products not containing vinyl or polyvinyl compounds.) After application of Line coatings, allow to dry thoroughly.

Continue with finish coats, abrading with 180-220 grit between coats, to complete system. Intercoat abrasion for floors without lines: The system is a four-coat system. For each coat applied, screen, vacuum, and tack prior to application, then allow 8 hours to dry between coats.

NOT RECOMMENDED for use over shellac or lacquer sealers, fillers, or stearate containing coatings. Oil modified urethane finishes will amber slightly over time.

#### FINISHING:

Apply 3-4 coats of DURATHLETE finish. Mix thoroughly prior to use. Apply with a clean, lambswool applicator or T-bar, with the grain, and apply at a 450-500 sq. ft. per gallon coverage rate. Allow the first coat to dry completely, 8 hours dry time on average, however, cooler temperatures and higher levels of humidity will extend the dry time. Do not thin.

#### CURE:

Allow the system 48 hours before light traffic. Full cure will be reached in approximately 7 days. Depending on application thicknesses and ambient conditions these cure times will vary. Good ventilation is critical for the curing process. Do not apply when temperatures are over 95 °F, below 65 °F, or when relative humidity is higher than 80%. Floors will be susceptible to scuffing and marring in the first 14 days.

Do not replace floor mats or athletic mats prior to full cure.

#### CLEAN UP:

Clean equipment with mineral spirits or follow local/state guidelines on solvent use.

**STORAGE:**

Store at temperatures between 50-90° F. Do not transfer contents to other containers for storage and disposal. In case of spills, absorb with inert material. Dispose of contaminated absorbent, container, and unused contents in accordance with local, state, and federal regulations.

DANGER - Rags, steel wool or waste soaked with the product may spontaneously catch fire if improperly discarded. Immediately after use, place rags, steel wool or waste in a sealed water-filled metal container.

**CONTAINS:**

Petroleum Distillates, Methyl ethyl ketoxime

**FIRST AID:**

If affected by inhalation of vapors or spray mist, remove to fresh air. In case of eye contact, flush immediately with plenty of water for at least 15 minutes and get medical attention immediately; for skin, wash thoroughly with soap and water. If symptoms persist, seek medical attention. If swallowed, do not induce vomiting. Get medical attention immediately.

IN CASE OF FIRE - Use foam, CO2, dry chemicals, or water fog.

SPILL - Absorb with inert material and dispose of as specified under "Clean Up".

KEEP OUT OF THE REACH OF CHILDREN

FOR PROFESSIONAL USE ONLY

Refer to the Safety Data Sheet for additional health and safety information.



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