

PRODUCT DESCRIPTION

GYMFLEX 8881 is a two-component urethane elastomer designed for use as a multi-purpose gymnasium floor surface. This monolithic base layer provides superior shock absorption and energy return for maximum performance. It is a self-leveling coating that is easily maintained without compromise to durability. It is designed to be used as the base layer for the GYMFLEX 8553 finish-coat and line paints for multiple color combinations.

FEATURES

- Low viscosity
- Long pot-life
- Self-leveling

SURFACE PREPARATION

The concrete slab shall be tested in accordance with ASTM-F 1869-98, a Delmhorst Moisture Meter, or ASTM D 4363. Joints shall be filled or covered with a flexible fabric tape. The slab shall be swept and cleaned thoroughly, and receive a solvent wipe. The surface shall be primed with Gymbond 629 Primer or Impax Water Base Clear Primer applied by roller or airless spray equipment.

An existing urethane surface shall be mechanically abraded using a drum sander or screen. A thorough inspection of the existing surface shall determine to what extent and method. The surface shall be swept, mechanically washed, and receive solvent wipe to remove excess dust. The surface shall be primed with Gymbond 506 Primer.

RECOMMENDED USES

The GYMFLEX 8881 is a fluid applied multi-purpose gymnasium flooring system. Very durable and impact resistant the GYMFLEX 8881 is perfect for a variety of athletic environments. Traditional activities include basketball, volleyball, jogging and tennis. A finish coat of GYMFLEX 8553 creates a highly scratch resistant finish that is tough enough for foot traffic and tables and chairs commonly found at meetings and church functions. The 3/8" thick surface not only provides optimal athletic performance but also creates a safe surface to be used in retirement communities and wellness centers.

TECHNICAL INFORMATION

| | |
|-----------------------------------|--|
| COLOR: | Neutral |
| VOLUME SOLIDS: | 100% |
| VOC: | 0.0 lb/gal |
| COVERAGE: | 0.83 lbs per sq. ft. @ 1/8" |
| PACKAGING: | 5 gal. pail and 55 gal. drum |
| APPLICATION TEMPERATURE: | 50°F (10°C) min to 110°F (43.3°C) max. |
| RELATIVE HUMIDITY: | 85% maximum |
| SERVICEABILITY: | Tack free 12 hrs. min. @ 72°F (22°C) @ 50% R.H. Foot traffic 3 days min. @ 72°F (22°C) @ 50% R.H. Full Cure 5 days @ 72°F (22°C) @ 50% R.H. |
| MIX RATIO: | 1:8 part A to part B by weight |
| POT LIFE: | 30 min. @ 72°F (22°C) |
| FLASH POINT: | 200° F (93° C) |
| SERVICE TEMPERATURE: | 180°F (82°C) dry heat resistance |
| CLEAN UP: | Use a 1:1 mixture of Xylol and MEK |
| SHELF LIFE: | 6 months in closed container stored @ 50°F-90°F |
| ELONGATION ASTM D 412: | 250% @ 75°F |
| TENSILE STRENGTH ASTM D 412: | 900 PSI +/- 20 |
| HARDENESS ASTM D 2240 SHORE A: | 55 +/- 5 |

MIXING AND APPLICATION INSTRUCTIONS

Premix both components before combining. Pour 1 part A and 8 parts B by weight into a container and power mix with a metal mixing blade (Jiffy style or equal) for 3 - 5 minutes at 250 rpm to insure that all filler is dispersed. Secondary mixing is recommended in a separate mixing vessel. Mix only the amount of material that can be applied within 20 minutes from time of mixing. Avoid whipping air into material. It is strongly recommended that full units be used, the components are thoroughly mixed and that all material for the bottom and sides of the container are mixed.

Note: No thinning of the GYMFLEX 8881 is necessary.

Pour mixed material directly on the surface in a long puddle the entire width of the area to be coated. Spread with a ¼" V notched squeegee and maintain a wet edge throughout application. If small air bubbles should develop during application a hair dryer or blower may be used to enhance air release characteristics of the material.

PRECAUTIONS:

Read the Material Safety Data Sheet (MSDS) and container labels for detailed health and safety information.

Maintain good ventilation and avoid breathing vapors. Avoid prolonged or repeated contact with skin

This product is intended for industrial use by properly trained professional applicators only.

General: Every reasonable effort is made to insure the technical information and recommendations on these data pages are true and accurate to the best of our knowledge at the date of issuance and are subject to change without notice. Products and information are intended for use by qualified applicators that have the required background, technical knowledge, and equipment to perform said tasks in a satisfactory manner.

Warranty: ITW Resin Technologies, a division of Illinois Tool Works Inc., warrants that its products meet their printed specifications. This is the sole warranty. This warranty expires one year after the shipment.

Warranty Claims: If any product fails to meet the above, ITW Resin Technologies will, at its option, either replace the product or refund the purchase price. ITW Resin Technologies will have no other liability for breach of warranty, negligence or otherwise. All warranty claims must be made in writing within one year of date of shipment. No other claims will be considered.

Disclaimer: ITW Resin Technologies makes no other warranty, express or implied, and specifically disclaims any warranty of merchantability or fitness for a particular purpose. Suggestions concerning use of products are not warranties. The purchaser assumes the

responsibility for determining suitability of products an appropriate use. ITW Resin Technologies' sole liability, for breach of warranty, negligence or otherwise, shall be replacement of product or refund of the purchase price, at ITW Resin Technologies' election. Under no circumstances shall ITW Resin Technologies be liable for any indirect, incidental or consequential damages, even if advised of the possibility of such damages.

Modification of Warranty: No distributor or sales representative has the authority to change the above provisions. No change in the above provisions will be valid unless in writing and signed by an officer or the Technical Director of ITW Resin Technologies. No term of any purchase order shall serve to modify any provision of this document.

Mediation and Arbitration: If any dispute arises relating to products or product warranties, either the purchaser or ITW Resin Technologies may a) initiate mediation under the then current Center for Public Resources ("CPR") Model procedure for mediation of Business Disputes, or b) initiate non-binding arbitration under the rules of the American Arbitration Association for the resolution of commercial disputes.