

DESCRIPTION

Gymflex 8553 Series is designed for use where high grade aliphatic polyurethane coatings are required. This system offers excellent adhesion characteristics, color retention and stability, optimum flexibility and cleanability

Gymflex 8553 is a two component pigmented aliphatic urethane and is most widely used as a coating for poured polyurethane flooring systems and for line striping.

FEATURES AND BENEFITS

Adhesion Characteristics:

Gymflex 8553 Series offers unsurpassed adhesion to poured polyurethane flooring systems.

Hardness:

Gymflex 8553 Series is specifically designed to offer Shore A hardness characteristics in keeping with poured polyurethane systems while still providing an abrasion resistant top coat.

Color Stability:

Gymflex 8553 Series has shown after rigorous testing to be the most colorfast, UV stable product on the market thus insuring the owner years of use.

Dry Mil Thickness:

Gymflex 8553 Series has roughly twice the solids content than conventional systems resulting in twice the solids content than conventional systems resulting in twice the dry millage thickness.

Mixing:

Gymflex 8553 is a convenient 1 to 1 by volume mixing ratio.

APPLICATION OF GYMFLEX 8553 SERIES

1. Prior to application of the Gymflex 8553 coating a careful inspection of the base urethane material must be performed to insure that it is fully cured, that there are no areas with uncured Part A or Part B. Take special precaution to insure that the base material remains clean and dry prior to application of the Gymflex 8553.

2. Allow no more than 48 hours from the time the base material is poured until the application of the Gymflex topcoat material. Proper intercoat adhesion between the base material and the Gymflex 8553 is directly dependent on the cleanliness of the base material and the timeframe described. If more than 48 hours elapses before topcoat application, an adhesion promoter will need to be used - see details further in this publication.

APPLICATION OF GYMFLEX 8553 SERIES Cont.

3. Mix in a clean dry container equal parts of Gymflex 8553 (by volume). Mix only that amount of material which can be applied within 1 hour from time of mixing. Thoroughly mix Part B (pigmented side) prior to mixing with Part A to insure that any settling of reconstituted. Thorough mixing of Parts A and B are necessary to insure proper application. Boxing of mixed material from one container to another should be performed. NOTE: No thinning of the Gymflex 8553 is necessary.
4. Spray apply, by means of airless spray equipment, an even coat of 8553 at a rate of 175 to 200 sq. ft. per gallon. Spray pattern technique should allow for overlapping spray to insure even application. NOTE: Excercise caution not to allow ponding or puddling of 8553 on the surface.
5. Clean spray equipment immediately after application of the 8553. Pump clean solvent (such as acetone) through equipment until liquid runs clear.
6. Curing of applied 8553 material will vary with temperature, humidity and applied millage. Foot traffic should not occur until material is cured to touch. Normal use of facility should not occur until seven (7) days has elapsed.

APPLICATION OF GYMFLEX 8553 LINE STRIPING

1. Line striping application should normally occur within 48 hours of application of the 8553 top-coat material to insure adequate adhesion of the 8553 material.
2. Thoroughly mix 1 part of 8553 Part A with 1 Part 8553 Part B in a clean dry container. Boxing of mixed material should be performed to insure complete mixing. NOTE: Mix only that amount of material which can be applied within 1 hours from time of mixing.
3. Mixed 8553 can be applied by either brush (bristle or foam) or roller (foam). Generally one coat of 8553 will adequately provide a matte finish.
4. If intercoat adhesion window (48 hours from time of 8553 application) is not obtainable the following procedures must be followed to insure adhesion of the 8553.
 - a. area to be applied must be lightly sanded or buffed
 - b. light solvent wipe
 - c. adhesion promoter Gymbond 506 must be applied at a rate of between 200 to 300 sq. ft./gal.
 - d. follow steps 1 through 3.

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.

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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.

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