

## PRODUCT DESCRIPTION

A two-component, elastomeric, thin film bonding primer that has exceptional adhesion to a variety of urethane substrates. It may be over coated with a broad variety of generically different elastomeric topcoats and resilient synthetic polymer floor systems.

## FEATURES

- Convenient mixing ratio
- Excellent adhesion promoter to new or aged urethane coatings.

## SURFACE PREPARATION

The Gymbond 506 primer is designed to promote adhesion to existing urethane coatings and urethane base materials.

Prior to application of the GymBond 506 coating a careful inspection of the urethane base material must be performed to insure that it is fully cured and tack-free. Take special precaution to insure that the base material remains clean and dry prior to application of the Gymbond 506.

When using Gymbond 506 as a inter-coat primer the urethane base material should be clean and free of foreign materials. For maximum adhesion the area to be coated must be lightly sanded or screened. After sanding, the area should receive a light solvent tack wipe to remove dust. Allow surface to dry completely.

## RECOMMENDED SYSTEMS

One coat of Gymbond 506 Primer is recommended over properly prepared urethane base materials. It can be top-coated with most urethane based Impax products. Consult ITW Resin Technologies Technical Department for more details.

**TECHNICAL INFORMATION**

COLOR:	Clear
VOLUME SOLIDS:	16 ± 1%
VOC:	6 lbs./gal (747 g/ltr)
COVERAGE:	200-300 sq. ft./gal. @ 5 - 7 mils WFT/1-2 mils DFT
RECOMMENDED NUMBER OF COATS:	1 - 2
PACKAGING:	2 and 10 gallon kits
APPLICATION TEMPERATURE:	50°F (10°C) min to 110°F (43.3°C) max.
RELATIVE HUMIDITY	85% maximum
SERVICEABILITY	Recoat 2 hrs. min to 2 days max. @ 72°F (22°C) @ 50% R.H.
MIX RATIO:	1:1 resin to hardener by volume
POT-LIFE	20 - 30 hrs @ 72°F (22°C)
FLASH POINT	24° F
CLEAN UP	Use a 1:1 mixture of Xylol and MEK
SHELF LIFE	6 months in closed container stored at 50°F to 90°F
ELONGATION - ASTM D 412	50%
TENSILE STRENGTH - ASTM D 412	2000 PSI
WEIGHT ASTM D 1475	
A Component	7.8 ± 5 lbs. per gal.
B Component	8.0 ± 5 lbs. per gal.

**MIXING AND APPLICATION INSTRUCTIONS**

Premix the Part B component before combining. Pour 1 part A and 1 part B into a container and power mix with a metal mixing blade (Jiffy style or equal) for 2 - 3 minutes at 250 rpm to insure that all solids are dispersed. Avoid whipping air into material. It is strongly recommended that full units be used, the components are thoroughly mixed and that all material from the bottom and sides of the container are mixed. Gymbond 506 is designed for application by airless, conventional spray equipment or a lambs wool roller.

**PRECAUTIONS:**

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

This product contains flammable solvents! Keep away from all sparks, flames and hot surfaces.

Maintain good ventilation and avoid breathing vapors. Avoid prolonged or repeated contact with skin. Wear appropriate respiratory equipment when applying.

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 for 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.