

for IMPAX epoxy and  
urethane floor coatings

Technical Bulletin # 313

These suggestions for maintenance and cleaning of IMPAX Floor Coatings apply to both epoxy and urethane floors. However, due to the varied texture of some of our anti-slip products, it may be necessary to vary the procedure to fit your exact situation.

## General

Strong chemicals, fuels, hydraulic fluid and oil should be removed from the floor immediately. Immediate removal prevents discoloration or chemical damage to the floor coating and reduces dangerous, slippery conditions.

Whenever a mechanical scrubber, buffer or sweeper is used, make sure the brushes are soft bristle. Don't use bristles or pads that may scratch or abrade the surface as that would lead to premature wear of the coating or overlayment.

Abrasive dirt, such as sand or metal chips should be dry-swept from the surface at least daily. Scrub the floors at least once a week and take care to remove all dirty cleaning solutions.

Minimize or eliminate scraping and sliding of heavy machinery or sharp objects as well as pallets across the floor.

Repair or touch up gouges and scratches on a regular basis to minimize spreading of damaged areas, especially in wet environments. Use only the correct IMPAX materials for any touch-ups or repairs.

## Smooth or Lightly Textured Floors

For smooth or lightly textured floors, normal housekeeping and preventive maintenance should include sweeping (daily) and mopping to remove loose dirt and spills. This can be done by hand or with a mechanical scrubber. In either case, use hot water with detergent, allow the detergent solution to sit on the floor long enough to loosen up the dirt. Then scrub the area and remove the dirty water, or squeegee into the drains, before rinsing the area with clean water.

If the cleaning is done by hand, the use of a hose and nozzle can greatly help in getting into corners and other tight areas and can also make it much easier to perform a clear water rinse after the dirt has been removed.

## Textured Floors

If the floor is heavily textured or subject to heavy dirt accumulations, the use of a mechanical scrubber is highly recommended for wet cleaning. Use hot water with detergent, change water often, and make sure to remove all the dirty water from the surface. If dirty water is left to evaporate on the surface, a light haze will develop which will detract from the gloss. For dry cleaning, a mechanical sweeping machine is recommended for areas subject to a lot of dirt and loose, abrasive items, such as sand and metal chips.

It is not necessary to wax IMPAX epoxy or urethane floors, but if desired, a no-strip wax can be applied.

Some difficult-to-remove dirt, such as grease, rubber heel marks and tire marks may be removed with a solvent such as Xylene. It is, however, extremely important to test the use of such chemicals in a hidden area first to determine if the particular IMPAX product installed in your facility will withstand the solvent. In any case, use solvents only to the extent absolutely necessary and use extreme caution.

**Note**

When using any of the procedures outlined in this article, follow all safety precautions on labels of cleaning products, solvents and mechanical equipment.

ITW RESIN TECHNOLOGIES assumes no liability for any injury caused by use, misuse or negligence by the user of these methods.

**Date**

07/2006

<p><u>General:</u> 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. However, this information is subject to change without notice. Prior versions of this publication are invalid with the release of this version. 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. Consult your local distributor for product availability, additional product information, and technical support.</p> <p><u>Warranty:</u> ITW Polymer 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 product shipment.</p> <p><u>Warranty Claims:</u> If any product fails to meet the above, ITW Polymer Technologies will, at its option, either replace the product or refund the purchase price. ITW Polymer 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 the date of shipment. No other claims will be considered.</p> <p><u>Disclaimer:</u> ITW Polymer Technologies makes no other warranty, expressed or implied, and specifically disclaims any warranty of merchantability or fitness for a particular purpose.</p>	<p>Suggestions concerning the use of products are not warranties. The purchaser assumes the responsibility for determining suitability of products and appropriate use. ITW Polymer Technologies' sole liability, for breach of warranty, negligence or otherwise, shall be the replacement of product or refund of the purchase price, at ITW Polymer Technologies' election. Under no circumstances shall ITW Polymer Technologies be liable for any indirect, incidental or consequential damages.</p> <p><u>Modification of Warranty:</u> 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 Polymer Technologies. No term of any purchase order shall serve to modify any provision of this document.</p> <p><u>Mediation and Arbitration:</u> If any dispute arises relating to products or product warranties, either the purchaser or ITW Polymer Technologies may a) initiate mediation under the then current Center for Public Resources (CPR) Model Procedure for Mediation of Business Disputes, or b) initiate a non-binding arbitration under the rules of the American Arbitration Association for the resolution of commercial disputes.</p>
--	---