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FLOOR DIVISION

- Epoxy Floor Coating
- Chip Systems
- PVC Flooring
- Shot Blasting
- Moisture Barriers
- Diamond Grinding
- Underlayment Pumping
- Concrete Polishing and Staining
- Flooring and Adhesive Removal

aes-stl.com

Advanced Environmental Services

provides a variety of floor coating installations and finishes in addition to moisture barriers and complete flooring and adhesive removal. Being a qualified, established environmental restoration company, we are certified and equipped to remove even asbestos and lead containing materials prior to your new flooring installation.

We use a broad range of industry leading equipment and are capable of handling any size job in any condition. Our installation team has been factory trained and certified by the manufacturers, assuring product warranty. We are committed to supplying our clients with a process and end result that is truly spectacular, creating a professional and sophisticated looking facility.

Whether you have chosen an epoxy floor coating or polished concrete for your airplane hangar, manufacturing facility, distribution facility, chemical plant, warehouse, residential garage, pharmaceutical or other facility, you can count on Advanced Environmental Services to dramatically improve your space.



Epoxy Flooring Installation & Uses

AESI offers epoxy floor coating installation and application using high performance coatings. Installed by our experienced professionals, this floor coating offers a high gloss, hard wearing, and durable surface ideal for use over concrete floors. With a quick and easy application process, this concrete floor coating option is ideal for use in commercial and industrial buildings including:

- ◆ Commercial Facilities
- ◆ Industrial Plants
- ◆ Food and Beverage Plants
- ◆ Pharmaceutical Manufacturing Buildings
- ◆ Water and Wastewater Treatment Plants
- ◆ Laboratories
- ◆ Storage and Shipping Warehouses
- ◆ Architectural Applications



For more advantages of epoxy flooring visit
www.aes-stl.com

Moisture Barriers

AESI offers the application of several types of seamless liquid moisture barrier products applied over a concrete floor and under the flooring surface. The barriers prevent moisture penetration, and can be applied under any flooring surface. These surfaces include sheet vinyl, tile, carpet, and hardwood floors, providing an impenetrable surface that reduces vapor transmission to near zero.

Liquid moisture barrier application is used to prevent water vapor emissions during fast track construction projects.

Our liquid moisture barrier will prevent vapor from penetrating the flooring, reducing the risk for future problems and mold growth.

We use 2-component liquid epoxy coating moisture barriers developed to be applied over concrete floors. These products, including the APAC 70 moisture barrier and VAPORSEAL DB, are manufactured by trusted building and adhesive companies.

Main features and benefits of these liquid moisture barrier products include:

- ◆ Ability to treat 25 lb. MVER – 100% humidity concrete
- ◆ Effective vapor transmission reduction to near zero
- ◆ Zero VOC rating, which contributes to LEED / GREEN building
- ◆ Available 10 year guarantee



ADDITIONAL FLOORING SERVICES:

Shot Blasting and Diamond Grinding

AESI carries a broad range of equipment to handle any size job. This equipment offers a dust suppression system essential for medical and pharmaceutical manufacturing.



Flooring and Adhesive Removal

Complete flooring demolition including vinyl & ceramic tile, thin set removal, glued tile & carpet, hardwood, epoxy & rubber flooring, asbestos & lead containing materials.

PVC Flooring

100% recycled PVC environmentally friendly “GREEN” product. Stain resistant, anti-slip floor for commercial kitchens, veterinarian clinics, bathrooms, athletic flooring and more. Flooring utilizes welded seams and can be coved to meet state and city health codes. Available in a variety of colors.

Underlayment Pumping

Completely transform your non-repairable concrete for forklift traffic in as little as 16 hours. Concrete can also be stained and polished.

Stained & Polished Concrete offers an equally attractive, high shine alternative to epoxy flooring. The natural beauty of the cement is achieved by using our diamond grinding equipment to grind down and polish the base of your existing concrete. This method is efficient and cost-effective providing a lower need of lighting in the facility. It is long-lasting, aesthetically pleasing, durable, environmentally friendly, and virtually maintenance free. Polished concrete flooring also improves the building’s interior atmosphere by eliminating dust, mold, and other allergens. The lack of hazardous chemicals and substances involved in the process improves the indoor environment making polished concrete a LEED certified material qualifying your business for potential tax credits. Visual effects with paint, stain, or other embellishments can be added to the cement surface, which are then sealed with epoxy or urethane for preservation.

