



Konnix International Co., Ltd.

All Solution For All Floor Problems

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Our Company

Konnix International specialized in flooring systems for a wide range of applications in the industrial and commercial areas all over Thailand.

Konnix International was founded in June 2001. We now specialize in two main types of flooring – resinous floor (epoxy and polyurethane) and polished concrete HTC Superfloor™ system. Each has its own particular advantages depending on the existing flooring, the environmental circumstances (heat, humidity, presence of chemicals, etc), and the type of use it will be subject to heavy trucks or people and how attractive it needs to be for our customers. We also offer a range of service such as waterproof sealing and crack repair.

Another advantage of our experience is that we have kept up with technical innovations of our side of the industry. Konnix have our own installation team and the newest technology equipments. Konnix take full responsibility from our materials to installed system. You deal directly with Konnix from start to finish. And you are protected with **A SINGLE SOURCE WARRANTY** on both product and workmanship.

Our customers know they can rely on the highest standards no matter how large or small the project. Additionally, we will provide you with the products and service you expect. Please consider us when you are planning your next project, we would love the opportunity to share our passion and knowledge of the flooring systems.

Another business: **KONNGRATE** Molded Fiberglass Grating. These products are designed to provide the ultimate in reliable performance, even in the most demanding conditions. This advanced grating is proven superior in applications requiring bidirectional strength, corrosion resistance and **MAINTENANCE FREE**.

Polished Concrete Floors



Concrete is one of the toughest building materials in the world but it no longer has to be dull and gray. KONNIX-applied KONNIX Superfloor™ is a complete process that revitalized and strengthens concrete floors, new or old. The concrete floor can be polished to expose aggregate and replicate the look of polished stone. The result is tougher than the original concrete, very attractive and seamless for low maintenance and hygiene.

KONNIX Superfloor™ can minimize energy consumption, reduce the release of harmful chemicals into the air, thereby increasing interior air quality, and reduce the consumption and waste disposal of building occupants.

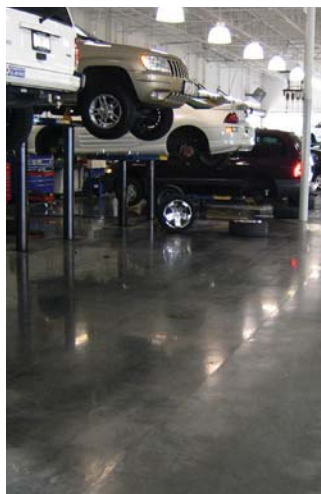
Benefits:

- 40% more abrasion resistant than unfinished concrete
- 20% increase in impact resistance than unfinished concrete
- 30% increase in ambient light reflection from unfinished concrete
- Flatter, more level surface
- Dense, polished surface helps protect against absorption of oil and other contaminants
- Resists tire marks from fork trucks and other traffic
- Harder and stronger than other floor finishes
- Easily add color to existing concrete during the KONNIX Super floor™ process.

Give these qualities you may find your project more easily qualified for Green Building. The Green Building Rating System provide the building industry with consistent, credible standards of what constitutes a “green” (environmentally friendly) building.

Environmentally Friendly:

The Swedish Society recommends KONNIX Superfloor™ method for nature conservation. Choosing KONNIX Superfloor™ is a positive decision for the environment.



Polyurethane Flooring Systems



TOUGH ENVIROMENTS CALL FOR A TOUGH FLOOR

Environmental conditions in a food and beverage facility are harsh, especially for their floors. Thermal shock resulting from regular hot water wash downs in low temperature areas is a particular concern. Acids, alkalies, sugars and other corrosive substances are everyday factors in the food and beverage industry but are hazardous to vulnerable floors. With these conditions at work, your facility's floors are in danger of degradation, leading to more serious safety, sanitary and productivity issues.

Konnix Flooring Systems offers customized floor and wall systems for the most demanding environments. "High-performance products", such as **KONNIX HD®**, **KONNIX MD®** and **KONNIX UT®**, are designed to protect against impact, abrasion, chemicals and thermal shock while maintaining a decorative, slip resistant, cleanable surface.

KONNIX HD®, **KONNIX MD®** and **KONNIX UT®** are unique multi-functional polyurethane cement chemistry provides many benefits over traditional polymer floor systems.

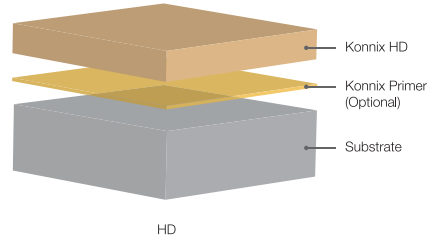
Benefits:

- Proven Anti-microbial Performance
- Excellent Chemical Resistance
- Unsurpassed Thermal Shock Resistance
- Impact Resistance
- Easy to clean, low maintenance requirement
- High abrasion resistance
- Low Odor Installation
- Quick Turn Around
- Decreased Sensitivity to Moisture
- Decreased Sensitivity to Cold Temperatures
- Temperature resistance -45°C to 120°C
- Steam cleanable



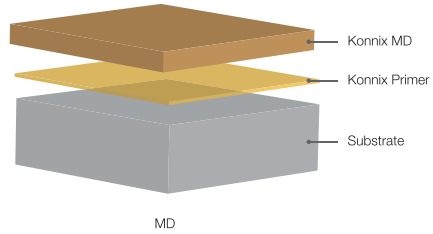
KONNIX HD®

Troweled polyurethane mortar system with self-sealing finish. This product cures to an extremely hard, high impact resistance mortar which exhibits excellent abrasion, wear, chemical resistance and temperature up to 93°C to 120°C. The standard of this system is a nominal 6-9 mm.



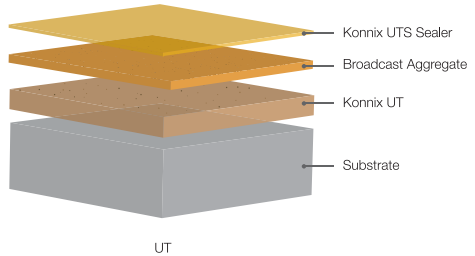
KONNIX MD®

Polyurethane self leveling system. Attractive smooth matt colored floor finish. This system is formulated specifically for the food and beverage industry. To provide a good chemical resistance and hard wearing floor finish. The standard of this system is a nominal 3-4 mm



KONNIX UT®

Troweled flowable polyurethane texture mortar system designed to slip resistant surface withstand thermal shock, thermal cycling conditions and temperature up to 93°C to 120°C. The standard of this system is a nominal 6 mm



Product Color



Green



Cream



Yellow



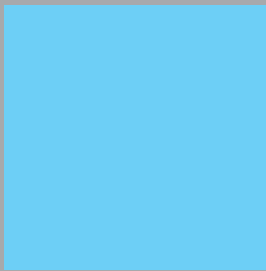
Gray



Red

Color matching available with sufficient lead time and minimum order requirements. The Colors on this page can be used as guide line only. For actual color; See flooring sample.

Epoxy Flooring Systems



Epoxy resin flooring is a polymer floor system available in a wide range of types and formulations and applied in the form of a screed several millimeters thick, or a thinner coating of epoxy paint.

KONNIX HB® is light duty solutions that suited to light foot traffic and occasional rubber tired vehicles whilst **KONNIX SL®** is medium duty solutions that designed for regular foot traffic, frequent forklift truck traffic occasional hard plastic-wheeled trolleys. **KONNIX AS®** is same features and thickness option as SL for areas that demand static control. **KONNIX PT®** is heavy-duty epoxy resin flooring that suitable for constant forklift truck traffic, hard plastic wheeled trolleys, and some impact.

Very heavy-duty flooring is best suited to an environment of severe heavily loaded traffic and impact. Slip, stain, crack, impact, abrasion and dust resistant epoxy resin flooring is suitable for areas exposed to heavy traffic loads, intermittent or continuous spillages of water or corrosive chemicals. Areas where a seamless, sanitary surface is required such as laboratories, and work areas are also ideally suited to an epoxy resin flooring solution. Epoxy resin flooring is also extremely quick to lay, easy to clean and repair and good chemical resistance such as hydrochloric acid and sulfuric acid.

Benefits:

- Excellent impact resistance
- Excellent adhesion
- Good chemical resistance
- Good wearing properties
- Easy to clean, low maintenance requirement
- High abrasion resistance
- Low odor installation
- Various textures

Product Color



Light Gray



Mid Gray



Dark Gray



Pastel Green

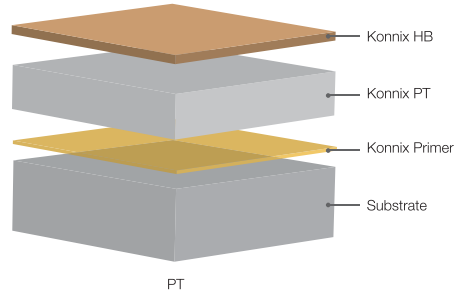


Mint Green



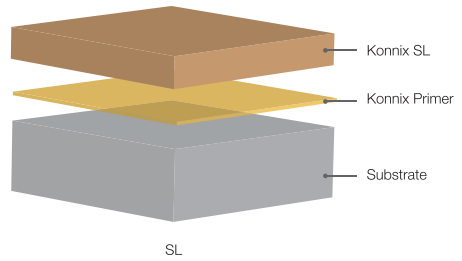
KONNIX PT®

100% solids, troweled epoxy mortar system. The system is specifically designed to provide excellent protection against corrosive attack from chemicals. The standard of this system is a nominal 4-6 mm.



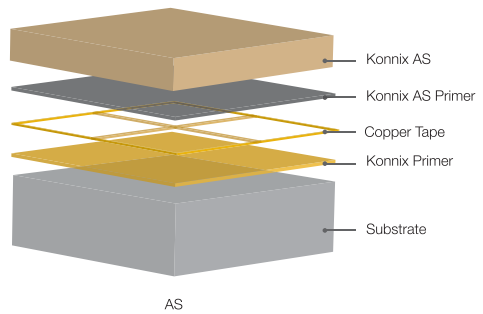
KONNIX SL®

A highly formulation for areas requiring a low friction surface. An excellent choice for clean rooms or clean environments. The standard of this system is a nominal 1-3 mm.



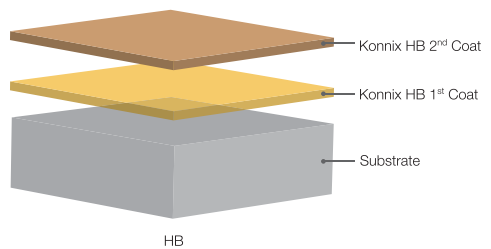
KONNIX AS®

Available in static dissipative and conductive formulations to meet any electrical specification. Ideally suited for electronics manufacturing and clean room environments. The standard of this system is a nominal 1-3 mm.



KONNIX HB®

100% solids, epoxy coating. It is formulated to provide high chemicals resistant, increase abrasion and chemical resistance while improving cleanability.



Forest Green



Sky Blue



Pastel Blue



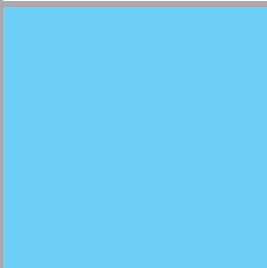
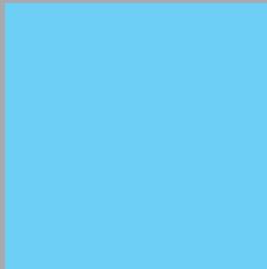
Ivory



Red

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Decorative Flooring Systems



Resin floors are the No. 1 choice of architects, specifiers and quantity surveyors. Traditional floor finishes such as vinyl, carpet or timber are suited to a wide range of locations, but in heavy wear environments, where durability and ease of cleaning are priorities, resin flooring offers superior performance.

Colored flakes and colored quartz aggregates with the resins traditionally found in industrial settings, we create a finish that combines the durability and easy cleaning you'd expect from resin floors with very high aesthetic appeal. A wide range of decorative systems are available in almost limitless color combinations.

Benefits:

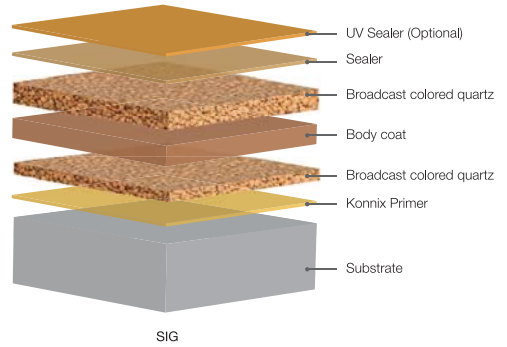
- Decorative floor finish
- Solid 100%, -0- VOC for low odor during installation
- Excellence chemical resistance
- Durable, easy to clean, low maintenance requirement
- Excellence abrasion resistance



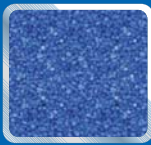


KONNIX SIG®

100% solids, troweled epoxy multi-colored quartz aggregate system. The system is specifically designed to provide excellent protection against corrosive attack from chemicals and abrasion resistance. The standard of this system is a nominal 3 mm.



SIG® Color



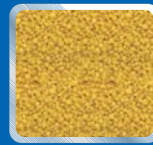
Blue



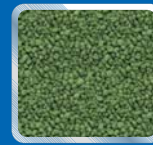
Brown



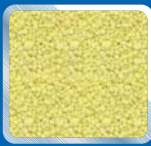
Earth Brown



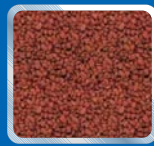
Yellow



Green



Lemon Yellow



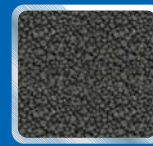
Brick red



Gray



White



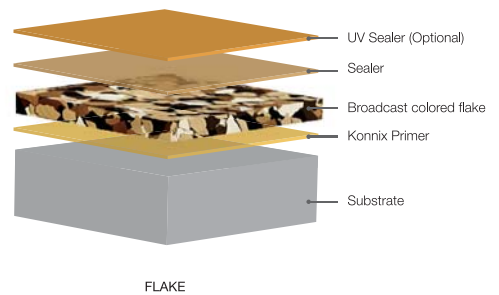
Black

Color matching available with sufficient lead time and minimum order requirements. The Colors on this page can be used as guide line only. For actual color; See flooring sample.



KONNIX FLAKE®

Consists of a synthetic resin to which color flakes are added during the application process. The synthetic resin can be an epoxy, polyurethane and methyl methacrylate (MMA). This system is easily applied and provide scratch and abrasion resistance.



FLAKE® Color



Blue



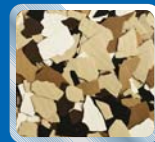
Green



Terrazzo



Red



Almond



Granite

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Tools



Blastrac Cleaning Machine

Vertical surface preparation method that propels a large number of small steel balls downward into the concrete, chipping the concrete. The ball are recycled into the equipment and used continuously throughout the process. The blasted concrete surface profile creates a sand paper texture that will provide an excellent mechanical grip between overlayment.

Blastrac 1-10 DS

- Working Wide - 10"
- Performance - 1,500.00 M²/Day
- Power Requirement - 3 Phase/400volt/32 amps

Diamond Grinding Machine

Horizontal surface preparation method that will not leave visible rows in the concrete. Diamond grinding also flattens the surface and removes imperfections. The grinded concrete surface profile creates a fine texture.

HTC 800 HDX

- Working Wide - 32"
- Performance - 1,800.00 M²/Day
- Power Requirement - 3 Phase/400 volt/25 amps



HTC 420 VS

- Working Wide - 16.5"
- Performance - 800.00 M²/Day
- Power Requirement - 230 volt/20 amps

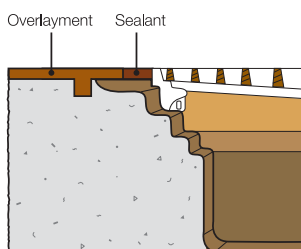


HTC 130

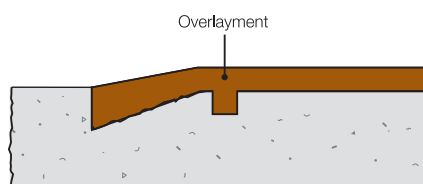
- Working Wide - 5"
- Performance - 160 M²/Day
- Power Requirement - 230 volt/20 amps



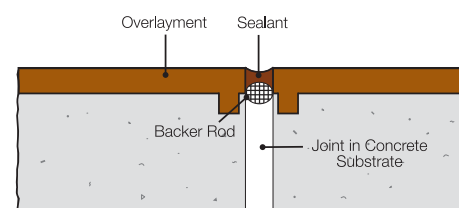
Engineering Details



Area Drain Cross Section



Overlayment Transition



Expansion/Isolate Joint

Blastrac BDC-3140 DUST COLLECTOR

- Performance - 540.00 M³/hour
- Power Requirement - 3 Phase/400 volt/16 amps



Blastrac BDC-1330 DUST COLLECTOR

- Performance - 450.00 M³/hour
- Power Requirement - 230 volt/16 amps



HTC 55D & 55C DUST COLLECTOR

- Performance - 600.00 M³/hour
- Power Requirement - 3 Phase/400 volt/16 amps



HTC 10iAD DUST COLLECTOR

- Performance - 1,000.00 M³/hour
- Power Requirement - 3 Phase/400 volt/16 amps



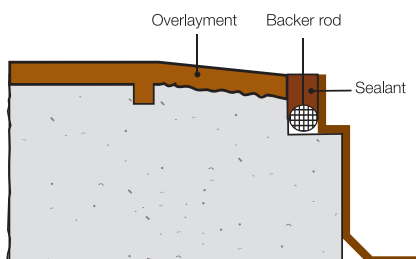
Blastrac BG 250

- Working Wide - 10"
- Performance - 600.00 M²/Day
- Power Requirement - 3 Phase/400 volt/16 amps

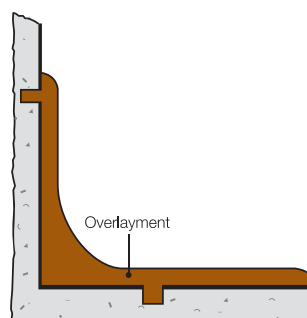


Blastrac BDC-655 DUST COLLECTOR

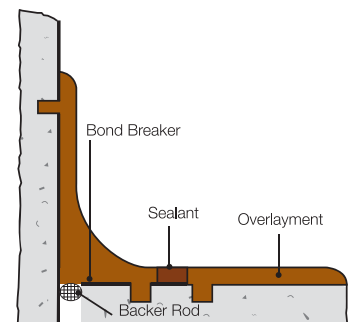
- Performance - 1,120.00 M³/hour
- Power Requirement - 3Phase/400 volt/32 amps



Prefabricated Trench Drain



Standard Cove Base



Standard Cove Base on Isolate Slab



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