



FLEXI®-PAVE

GENERAL SPECIFICATIONS

HD 2000 (2" - 50 mm)

HD1500 (1 1/2" - 37.5 mm)

HD1000 (1" - 25 mm)

PRODUCT DESCRIPTION: A constructional paving material that is dynamic in its physical construction which is mixed directly on the installation site. Available for use after 24 hours which results in a extremely porous, heavy duty, flexible paving system designed for low speed applications with pedestrian and vehicular use.

The constructional paving material is made from Recycled Passenger Tires and Aggregate bound together with K.B. Industries, proprietary binding agent: **XFP75**

FEATURES:

- Flexible
- Extremely Porous
- Dynamic in physical form
- Diffuses water force
- Impact - Absorbing Surface
- Slip resistant
- Resistant to Freeze / Thaw
- Dissipates Mechanical "Shock"
- Non-Flammable
- Non-Toxic
- Resistant to Harmful Contaminants

BENEFITS:

- Does not crack. Even with root intrusion/preventing trip hazards.
- Storm Water Management (BMP's) - Allowing Groundwater recharge.
- Heavy objects will not make indentations when removed.
- Erosion control uses (i.e. Embankments, Swales, etc.)
- Reduces injuries to joggers and walkers.
- Exceeds ADA requirements / Reduces slip and fall hazards.
- Reduces maintenance costs.
- Resistant to snow plow damage.
- Does not burn without the use of an extreme accelerent.
- Can be installed bodies of open water (i.e. "Wetlands, etc.")
- Transmission Fluid, , Brake Fluid, Gasoline - Diesel, Hydraulic Fluid, Salt Water, Oil, Chlorine, Ozone, Bromine, Muriatic Acid, Other hostile materials...

INSTALLATION: KBI Flexi®-Pave can be installed from 45°F degree to 95°F degree temperatures.

Important: When curing... the temperature should not fall below 35°F.

QUALIFIED INSTALLATION: KBI Flexi®-Pave can only be installed by K.B. Industries, Inc., "CERTIFIED INSTALLERS" having the: "KBI CERTIFICATION NUMBER" (*This number can be requested at any time from K.B. Industries Inc., for verification.*)

RECOMMENDED SUBSTRATE: HD2000 is installed over a minimum of 4" (100mm) of compacted crushed concrete or similar aggregate to a density of 95% minimum. The sizing of the stone and base soil will directly represent the desired "Curve Number" (percolation rate) required. HD1500 & HD1000 are designed to be installed over existing engineered pavements (i.e. concrete or asphalt). This process is called an "over-pour" installation. (*The porosity rate of HD2000, HD1500 & HD1000 material thickness only is 4000 inches per hour or 100 meters per hour.*)

MATERIAL SAFETY INFORMATION: MSDS information is available upon request.

KBI Flexi®-Process products are manufactured by KB Industries, Inc. Data is based on facts that we believe to be accurate but all recommendations are made without warranty since conditions of use are beyond KB Industries Inc control. We do not assume any liability except what is expressly noted in warranty certificate if Certified Technicians install the products. We do not assume any liability from injury resulting from use. Liability, if any, is limited to replacement of products.

USAGE GUIDELINES: All KBI Flexi®-Pave, including HDX and HD products, are designed for vehicular traffic. Any implied warranty is voided by improper use. No Track Vehicles (metal or rubber), Forklifts (warehouse-var Reach), Man Lifts (booms or scissors), and/or dumpsters or roll-off containers



smarter materials for
next generation infrastructure™

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p: 727.723.3300 • f: 727.723.3600 • www.kbius.com Revision Date: February 14, 2008



GENERAL SPECIFICATIONS

HDX 2000+ (2"- 50 mm) PLUS

PRODUCT DESCRIPTION: A constructional paving material that is dynamic in its physical construction which is mixed directly on the installation site. Available for use after 24hours which results in a extremely porous, heavy duty, flexible paving system designed for low speed applications (25mph) with heavy vehicular use in the design. This can be used for roads, parking lots and driveways.

The constructional paving material is made from Recycled Passenger Tires and Aggregate bound together with K.B. Industries, proprietary binding agent: XFP95 with a especially designed finishing coat "KBI Flexi[®]-Tough Finish " giving further tensile surface integrity.

FEATURES:

- Flexible
- Extremely Porous
- Dynamic in physical form
- Diffuses water force
- Impact - Absorbing Surface
- Slip resistant
- Resistant to Freeze / Thaw
- Dissipates Mechanical "Shock"
- Non-Flammable
- Non-Toxic
- Resistant to Harmful Contaminents

BENEFITS:

- Does not crack. Even with root intrusion/preventing trip hazards.
- Storm Water Management (BMP's) - Allowing Groundwater recharge.
- Heavy objects will not make indentations when removed.
- Erosion control uses (i.e. Embakements, Swales, etc.)
- Reduces injuries to joggers and walkers.
- Exceeds ADA requirements / Reduces slip and fall hazards.
- Reduces maintenance costs.
- Resistant to snow plow damage.
- Does not burn without the use of an extreme accelerent.
- Can be installed bodies of open water (i.e. "Wetlands, etc.")
- Transmission Fluid, , Brake Fluid, Gasoline - Diesel, Hydraulic Fluid, Salt Water, Oil, Chlorine, Ozone, Bromine, Muriatic Acid, Other hostile materials...

INSTALLATION: KBI Flexi[®]-Pave can be installed from 45°F degree to 95°F degree temperatures.

Important: When curing... the temperature should not fall below 35°F.

QUALIFIED INSTALLATION: KBI Flexi[®]-Pave can only be installed by K.B. Industries, Inc., "CERTIFIED INSTALLERS" having the: "KBI CERTIFICATION NUMBER" (This number can be requested at any time from K.B. Industries Inc., for verification.)

RECOMMENDED SUBSTRATE: HDX2000+ is installed over a minimum of 4" (100mm) of compacted crushed concrete or similar aggregate to a density of 95% minimum. The sizing of the stone and base soil will directly represent the desired "Curve Number" (percolation rate) required. (The porosity rate of HDX2000+ material thickness only is 4000 inches per hour / 100 meters per hour)

MATERIAL SAFETY INFORMATION: MSDS information is available upon request.

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USAGE GUIDELINES: All KBI Flexi[®]-Pave, including HDX and HD products, are designed for vehicular traffic. Any implied warranty is voided by improper use. No Track Vehicles (metal or rubber), Forklifts (warehouse-var Reach), Man Lifts (booms or scissors), and/or dumpsters or roll-off containers



FLEXI-PAVE

GENERAL SPECIFICATIONS

P1000 (1" – 25 mm)

P2000 (2" - 50 mm)

P3000 (3" - 75 mm)

PRODUCT DESCRIPTION: A flexible, porous surfacing / paving material made from recycled rubber tires. It is designed to be used as an alternative to concrete, asphalt, or loose surfacing materials in non-vehicular applications. It is highly porous.

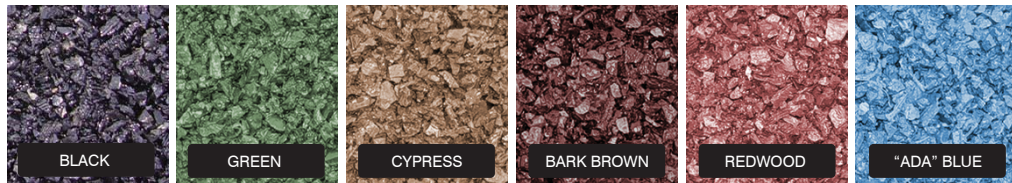
FEATURES:

- Impact-absorbing surface
- Slip resistant
- Porous
- Intricate designs possible

BENEFITS:

- Reduce Injuries
- Reduce slip and fall accidents
- Reduces puddles in low-lying areas
- Increases your design options. Wide variety of standard colors Match the color to your decor Custom colors are available. Many design possibilities

STANDARD COLORS:



** Colors can be combined to achieve a desired aesthetic effect.*

RECOMMENDED USES: Sidewalks, jogging paths, decks & balconies, boardwalks, handicap ramps, as a refurbishment over existing concrete or asphalt, marine use such as docks, or safety surfacing under playground equipment.

INSTALLATION: This is a seamless poured-in-place product that is installed by certified technicians at the job site.

RECOMMENDED SUBSTRATE: **P3000** and **P2000** can be installed over a crushed stone base (thickness varies depending on application) or on an existing engineered surface. **P1000** can only be installed over an existing engineered surface (such as asphalt, concrete, or wood or metal decking)

SURFACE PREPARATION: Substrate must be clean, dry and primed (if applicable) before application

REQUIRED INSTALLATION TEMPERATURE: Between 20° F and 90° F

CURING TIME: 24 hours

SPECIFICATIONS: **P3000** is a 3" thick layer of 3/8" wire-free recycled rubber tire granules bonded together with a single component moisture-cured urethane. **P2000** is a 2" thick version of the same components. **P1000** is a 1" thick version of the same components. The thickness used is dependent upon the application.

ASTM SAFETY STANDARDS: Meets ASTM 1292 safety requirements for 6 ft critical fall height at 2" thick.

MATERIAL SAFETY INFORMATION: MSDS are available upon request.

PRICING & ORDERING: Pricing for Flexi-Pave™ is based on the square footage being covered, any substrate required, the particulars of the site, and the particulars of the job including forming, special equipment, and disposal. Each installation will be quoted separately.

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